



Advanced Digital Skills Catalogue

2026



Welcome to the Course Catalogue

Abilways and Learning Tree are proud to present this curated selection of courses available to European Union organisations under contract **EC HR/2024/OP/0013 – Lot 2 – Support for the Design and Delivery of Learning and Development Services for Advanced Digital Skills and Advanced Data Management**.

This catalogue highlights the most current and relevant courses from our broader training portfolio. As technology and professional practices evolve rapidly, we continuously update and expand our course selection to meet emerging needs. For more information or to confirm course prerequisites, please contact us.

If you're looking for a specific topic or course not listed here, or require additional information, please don't hesitate to contact us — we're here to help you find the right learning solution.



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Featured Courses



Our newest European Entity specific customised courses are ready for immediate delivery, having been designed within the last three months in close collaboration with a range of institution and agency stakeholders. Each course addresses relevant, in-demand themes for today's digital teams. Whether you wish to deliver these courses as they are or tailor them to better fit your needs, we're here to support you. For details on course content, delivery options, or to discuss how we can adapt these courses for your team, please contact us.

Introduction to IT Security | 575D

Duration: 2 Days

Level: Foundation

Delivery: Instructor-Led

This course introduces Foundations of Security, Linux System Fundamentals, and Networking Basics, with Day 2 covering Threat Discovery and Vulnerability Scanning, Server-Side Attacks and Weaknesses, and Client-Side and Desktop Vulnerabilities. Attendees with little or no networking or cyber security experience learn vulnerability and port scanning, OS fingerprinting and enumeration, and how to identify web and desktop weaknesses such as SQL Injection, cross-site scripting, buffer overflows and silent downloads.

Rest API and API Management Training | 575E

Duration: 1 Day

Level: Intermediate

Delivery: Instructor-Led

This course provides a practical introduction to Web APIs, covering key API types, document standards, and common protocols including REST, SOAP, gRPC, and GraphQL. Attendees will learn the principles of REST architecture, how to specify and manage APIs using OpenAPI, and how to design for error handling, versioning, security, and GDPR compliance. The course is aimed at those responsible for designing and commissioning application-to-application APIs and managing their operation, rather than API developers.

Microservices Architecture Training | 575G

Duration: 4 Days

Level: Intermediate

Delivery: Instructor-Led

This course introduces the evolution of software architecture and the principles of building cloud-ready applications using Spring Boot. Participants will progress through connecting to data, building and containerising services with Docker, before transitioning to Quarkus for cloud-native development. The programme concludes with advanced topics such as reactive programming, Kafka streams, and orchestration with Kubernetes and Helm.

Intune Training | 575K

Duration: 3 Days

Level: Intermediate

Delivery: Instructor-Led

This course provides essential skills for managing modern enterprise environments with Microsoft technologies. Attendees will learn how to configure and manage identities with Microsoft Entra ID, enrol and secure devices with Intune, and administer applications on endpoints. The course also covers implementing security measures, monitoring Microsoft 365 services, and ensuring compliance across the tenant.

DevSecOps, Zero Trust & Incident Response Training | 575H

Duration: 3 Days

Level: Intermediate

Delivery: Instructor-Led

This course provides a practical foundation in modern security architecture, combining Zero Trust principles with secure development and incident response practices. Attendees will learn to map environments to Zero Trust controls, apply secure coding aligned with OWASP and CWE, and protect the software supply chain through hardened pipelines and SBOMs. The programme concludes with hands-on incident response, detection, and recovery exercises using industry frameworks such as MITRE ATT&CK and NIST.

Intune Training | 575K

Duration: 3 Days

Level: Intermediate

Delivery: Instructor-Led

This course provides essential skills for managing modern enterprise environments with Microsoft technologies. Attendees will learn how to configure and manage identities with Microsoft Entra ID, enrol and secure devices with Intune, and administer applications on endpoints. The course also covers implementing security measures, monitoring Microsoft 365 services, and ensuring compliance across the tenant.

Applications Security

Duration: 1 Day

Level: Foundation

Delivery: Instructor-Led

The course shall focus on cybersecurity, application security for web application and AI. The course should enable the attendees to understand foundational security topics, as well as concepts pertinent to their applications. This includes:

- Understand Foundational Concepts of information security, including confidentiality, integrity, and availability (CIA), and identity and access management (IAM), to make informed decisions about application security.
- Recognize Security Threats and Vulnerabilities that can affect applications, including common attack vectors and potential consequences, to prioritize security investments and risk mitigation strategies.
- Apply Security Principles to Decision-Making, including evaluating risk, selecting security controls, and allocating resources to optimize the secure development, deployment, and maintenance of applications.
- Regulatory landscape in EU that drives security by design and compliance.

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Cloud Security					
1203	Certificate of Competence in Zero Trust (CCZT)	2	Intermediate	Instructor Led	"The Certificate of Competence in Zero Trust provides an in-depth understanding of Zero Trust architecture, the drivers, benefits, and how to plan for adoption. Earning the CCZT is critical for security professionals seeking to advance their careers and for organizations who must maintain strong security postures. Earning the CCZT ensures professionals are equipped to implement the robust security measures required from taking a Zero Trust approach."
1201	Certification of Cloud Security Knowledge (CCSK Plus) on AWS	3	Intermediate	Instructor Led	"The Certificate of Cloud Security Knowledge (CCSK) enables everyone, from information security experts and CEOs, to department managers and technical sales teams, the ability to utilise cloud services more securely and speak with confidence about cloud security concerns. The CCSK gives a broad overview of cloud security and allows you to gain critical insights into issues such as data security, key management and identity and access management."
1202	Certification of Cloud Security Knowledge (CCSK Plus) on Azure	3	Intermediate	Instructor Led	"The Certificate of Cloud Security Knowledge (CCSK) enables everyone, from information security experts and CEOs, to department managers and technical sales teams, the ability to utilise cloud services more securely and speak with confidence about cloud security concerns. The CCSK gives a broad overview of cloud security and allows you to gain critical insights into issues such as data security, key management and identity and access management."
1213	Certified Cloud Security Professional (CCSP) Training and Certification	5	Intermediate	Instructor Led	"The ISC2 Certified Cloud Security Professional CCSP Training Course is designed for security professionals seeking to enhance their knowledge of cloud security. The program covers various aspects of data security, cloud infrastructure security, and information security. Through this training, participants will learn how to secure data centers, cloud environments, and cloud-based data access. The focus will be on cloud security solutions and techniques for detecting and responding to security incidents. The training covers cloud computing technologies, including Microsoft Azure, as well as security practices related to physical infrastructure, cloud resource access control, and protection of sensitive data. Load balancers, security operations centers (SOCs), and cloud environment security will also be covered. Upon completion of the training, participants can attempt the CCSP exam, and earn the CCSP certification after passing the exam, which is a recognized industry standard for cloud security expertise."
2042	Cloud Audit Certification Training (CCAK)	3	Intermediate	Instructor Led	"In this course, you will learn the essential principles of auditing cloud computing systems to successfully obtain the Cloud Audit Certification (CCAK). The CCAK Certification training programme was developed by the Cloud Security Alliance, the global leader in cloud security best practices, in partnership with ISACA, an international professional association focused on IT audit, security, cybersecurity, risk, privacy, and governance."
2048	CompTIA Cloud+ Certification Training	5	Foundation	Instructor Led	"This comprehensive CompTIA Cloud+ course is designed to equip you with the skills needed to pass the CompTIA Cloud+ CV0-003 exam and earn your certification. With topics ranging from designing secure and compliant cloud infrastructures to analysing workload characteristics and troubleshooting connectivity issues, this training will prepare you to become a pro at managing workload migrations and ensuring cloud security. Plus, with both in-person and online training options available, you can learn in a way that fits your schedule. So don't miss your chance to become a cloud architect and take your IT career to the next level!"
ABW888	Cybersecurity	1	Foundation	Instructor Led	An introduction to cybersecurity techniques
ABW887	Information Security Foundation	1	Foundation	Instructor Led	An introduction to information security foundation
8530	Microsoft Azure Security Certification Training (AZ-500)	4	Intermediate	Instructor Led	This Microsoft Azure Security Certification training course provides IT Security Professionals with the knowledge and skills needed to implement security controls, maintain an organisation's security posture, and identify and remediate security vulnerabilities. This course includes security for identity and access, platform protection, data and applications, and security operations.
8592	Microsoft Identity and Access Administrator Training (SC-300)	4	Intermediate	Instructor Led	The Microsoft Identity and Access Administrator course explores using Microsoft Entra to design, implement, and operate an organisation's identity and access management systems. Learn to manage tasks such as providing secure authentication and authorisation access to enterprise applications. You will also learn to provide seamless experiences and self-service management capabilities for all users. Finally, learn to create adaptive access and governance of your identity and access management solutions, ensuring you can troubleshoot, monitor, and report on your environment. The Identity and Access Administrator may be a single individual or a member of a larger team. Learn how this role collaborates with other organisational roles to drive strategic identity projects. The goal is to provide you with the knowledge to modernise identity solutions, implement hybrid identity solutions, and implement identity governance.

Course #	Course Title	Duration (Days)	Level	Delivery Type	Course Description
8591	Microsoft Security Operations Analyst Training (SC-200)	4	Intermediate	Instructor Led	Learn how to investigate, respond to, and hunt for threats using Microsoft Azure Sentinel, Azure Defender, and Microsoft 365 Defender. This Microsoft Security Operations Analyst Training will teach you how to mitigate cyber threats using these technologies. Specifically, you will configure and use Azure Sentinel and Kusto Query Language (KQL) to perform detection, analysis, and reporting. The course is designed for people who work in a security operations role and helps learners prepare for the exam SC-200: Microsoft Security Operations Analyst.
8590	Microsoft Security, Compliance, and Identity Fundamentals Training (SC-900)	1	Foundation	Instructor Led	This Security, Compliance, and Identity Fundamentals Training course provides foundational level knowledge on security, compliance, and identity concepts and related cloud-based Microsoft solutions.
8753	Information Security Administrator (SC-401)	4	Intermediate	Instructor Led	<p>"This course equips you with the skills to plan and implement information security for sensitive data using Microsoft Purview and related services. You'll learn to protect data within Microsoft 365 collaboration environments from internal and external threats, manage security alerts, respond to incidents, and safeguard data used by AI services.</p> <p>Prerequisites</p> <p>Foundational knowledge of Microsoft security and compliance technologies.</p> <p>Basic understanding of information protection concepts.</p> <p>Familiarity with cloud computing concepts.</p> <p>Understanding of Microsoft 365 products and services."</p>
Cyber Offense & Defense					
1216	AI Cybersecurity: Attack and Defend	3	Intermediate	Instructor Led	<p>"This course explores the intersection of AI and cybersecurity, starting with a foundational understanding of AI technologies such as machine learning, deep learning, and natural language processing, as well as their applications in various industries. The content delves into mitigating risks associated with AI adoption, including risk management and ethical considerations, and identifying vulnerabilities in AI systems.</p> <p>The importance of integrating AI into security operations is covered through the use of AI for intrusion detection, threat intelligence, and automated incident response, as well as AI's potential for transforming hacking techniques while highlighting AI-powered attacks and tools. The Course also emphasises the need for aligning AI with common security frameworks and regulatory compliance, as well as exploring future trends such as federated learning, AI-powered cyber deception, quantum computing for AI, explainable AI, and AI-driven security automation."</p>
2015	AI Powered SecOps with SIEM and SOAR	3	Intermediate	Instructor Led	<p>"This course explores the intersection of AI and cybersecurity, starting with a foundational understanding of AI technologies such as machine learning, deep learning, and natural language processing, as well as their applications in various industries. The content delves into mitigating risks associated with AI adoption, including risk management and ethical considerations, and identifying vulnerabilities in AI systems.</p> <p>The importance of integrating AI into security operations is covered through the use of AI for intrusion detection, threat intelligence, and automated incident response, as well as AI's potential for transforming hacking techniques while highlighting AI-powered attacks and tools. The Course also emphasizes the need for aligning AI with common security frameworks and regulatory compliance, as well as exploring future trends such as federated learning, AI-powered cyber deception, quantum computing for AI, explainable AI, and AI-driven security automation."</p>
3942	Applying the MITRE ATT&CK Framework	1	Intermediate	Instructor Led	<p>"In this course, you will gain a foundational understanding of the MITRE ATT&CK Framework. Topics covered include its definition, the goals it aims to achieve, and its essential components, such as matrices, tactics, techniques, data sources, mitigations, groups, software, campaigns, and model relationships.</p> <p>Through a case study, you'll explore the real world to illustrate how these components are interconnected. You'll explore the process of prioritising techniques using cyber threat intelligence (CTI) and assess the effectiveness of current defensive measures."</p>
2057	Certified Cybersecurity Operations Analyst (CCOA) Training	5	Intermediate	Instructor Led	ISACA's Certified Cybersecurity Operations Analyst™ (CCOA™) certification focuses on the technical skills to evaluate threats, identify vulnerabilities, and recommend countermeasures to prevent cyber incidents. As emerging technologies like automated systems using AI evolve, the role of the cyber analyst will only become more critical in protecting digital ecosystems. Analysts specialize in understanding the what, where and how behind cybersecurity incidents. By identifying patterns, anomalies and indicators of compromise, you become the eyes and ears of your organization's defense.
2031	Certified Ethical Hacker (CEH) Training	5	Intermediate	Instructor Led	"In CEH v13, you will not only master AI-driven cybersecurity but also learn to hack AI systems. This comprehensive training equips you with cutting-edge AI-driven skills, enhancing your ability to execute cybersecurity tasks with up to 40% greater efficiency, while significantly boosting your productivity."
2023	CHFI Certification - Computer Hacking Forensic Investigator Training CHFI v11	5	Intermediate	Instructor Led	"This EC-Council Computer Hacking Forensic Investigator (CHFI) certification course will prepare you to achieve this in-demand certification. Learn a detailed, methodological approach to computer forensics and evidence analysis, including Windows, Dark Web Forensics, Mobile Device and IoT Forensics. This CHFI certification course provides the necessary skills to perform effective digital forensic investigations and covers the primary tools and theories used by cyber forensic experts today."

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2047	CompTIA CySA+ Certification Training	5	Intermediate	Instructor Led	<p>"Join our CompTIA CySA+ Certification Training and gain the knowledge and skills to prepare for and pass the Cybersecurity Analyst (CySA+) exam. In this course, you'll learn how to manage threats and vulnerabilities effectively, implement software and systems security solutions, monitor security operations, perform incident response procedures, and execute compliance and assessment measures.</p> <p>With a focus on hands-on experience, this training requires IT security professionals with at least 3-4 years of experience at the level of CompTIA Network+ or CompTIA Security+. Plus, your course tuition includes a voucher to take the CS0-003 exam at any Pearson VUE Test Center location. Don't miss this opportunity to enhance your expertise and advance your career in IT security.</p> <p>"</p>
2049	CompTIA PenTest+ Training	5	Intermediate	Instructor Led	<p>"The CompTIA PenTest+ training course prepares IT professionals to pass the PenTest+ PT0-002 certification exam and develop the skills necessary for effective penetration testing. The course covers planning, information gathering, attacks and exploits, reporting tools and code analysis. Participants should have intermediate knowledge of information security concepts and practical experience securing various computing environments.</p> <p>"</p>
2046	CompTIA SecurityX Training	5	Advanced	Instructor Led	<p>"This CASP+ Training course prepares you for the CompTIA CASP+ certification exam (CAS-004) and demonstrates your knowledge and skills in enterprise security, risk management, research and analysis, and the integration of computing, communications, and business disciplines. You will learn through a CompTIA-approved CASP+ training programme and receive after-course instructor coaching and an exam voucher.</p> <p>The course is available in-person or online, with virtual instructor-led training and virtual classroom options, providing a flexible and convenient learning experience.</p> <p>"</p>
2013	Cyber Security Risk Assessment Training	4	Foundation	Instructor Led	<p>This risk assessment training course will teach you how to conduct a security risk assessment to protect your organisation. You will learn about the laws and regulations that impose strict cybersecurity requirements on all organisations. You will also gain the skills to develop a compliance assessment plan and employ a standards-based risk management process while maintaining a satisfactory security posture.</p>
2050	Cyber Security Training for Managers and the Boardroom	0.5	Intermediate	Instructor Led	<p>This cybersecurity training course prepares managers, members of the board, and senior executives to understand, assess, and take a proactive posture in cybersecurity. With this course, you gain the fundamental knowledge and skills to investigate risk assessment and management frameworks that help mitigate dangers, as well as identify potential security gaps that could prove a liability. This interactive seminar is led by cyber industry leaders and will have you participating in a roundtable discussion and Q&A session. Note: The United States Department of Defense (DoD) established the 8570.01 Directive, which requires all DoD Information Assurance personnel to meet training and certification objectives.</p>
2070	CyberSec First Responder Certification Training	5	Intermediate	Instructor Led	<p>"This CyberSec First Responder Certification course from CertNexus takes a holistic approach to prepare IT Professionals to analyse threats, secure networks, and utilise critical problem-solving skillsets to protect an organisation from threats. Focusing on the key areas of detect, analyse, and respond, attendees will gain the knowledge and practical skills needed to recover from attacks and thwart potential future threats.</p> <p>"</p>
8741	Defend against cyberthreats with Microsoft Defender XDR (SC-5004)	1	Intermediate	Instructor Led	<p>This hands-on course teaches Security Operations Analysts how to implement Microsoft Defender XDR to detect, investigate, and mitigate cyberthreats. Learn how to deploy Microsoft Defender for Endpoint, configure security settings, manage incidents, automate responses, and use Advanced Hunting with Kusto Query Language (KQL) to identify and respond to threats in real time. Gain practical experience in securing endpoints, managing alerts, and improving your organization's security posture.</p>
2025	EC-Council Certified Incident Handler (ECIH) Training ECIH v3	3	Intermediate	Instructor Led	<p>"The EC-Council Certified Incident Handler (ECIH) programme is designed to provide the fundamental skills to handle and respond to computer security incidents in an information system while preparing you to pass the ECIH exam.</p> <p>The course provides incident response training by addressing various underlying principles and techniques for detecting and responding to current and emerging computer security threats.</p> <p>After attending the course, you will be able to create incident handling and response policies and deal with various types of computer security incidents."</p>
1218	Fundamentals of a Zero Trust Architecture Training	1	Intermediate	Instructor Led	<p>Zero trust architecture is a new security paradigm focused on eliminating implicit trust in IT environments. This Zero Trust Architecture training course provides a comprehensive introduction to zero trust concepts, principles, and deployment models. By the end of the course, participants will have the knowledge to assess zero trust readiness, create adoption roadmaps, and design pilot programmes aligned with business risk priorities.</p>
2056	Identity and Access Management Training	4	Intermediate	Instructor Led	<p>"This identity and access management course will teach you to strengthen your organization's security and simplify access to critical resources by implementing the appropriate Identity Management (IdM) and Identity Access Management (IAM) strategies. You will learn how to implement Single Sign-On (SSO) via a solid foundation based on industry-standard Public Key Infrastructure (PKI) and Federated Identity Management (FIM).</p> <ul style="list-style-type: none"> • Familiarity with security issues at the level of: • Course 468, {course:468} • Experience with Windows operating system"

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4521	Introduction to Cybersecurity - A Starter Guide	1	Foundation	Instructor Led	In this Introduction to Cybersecurity training course, you will learn to protect your organisation from social engineering attacks and cyber threats through disaster recovery methods that ensure continuity of operations. In this cyber security awareness course, you will learn how to establish security in your organisation by assessing your environment, identifying needs and deficits, and enumerating critical elements of security awareness.
4525	Managing PKI Training	1	Foundation	Instructor Led	"In this Managing PKI training course, you gain essential skills for designing, creating, and maintaining a Public Key Infrastructure (PKI), and learn how to leverage PKI to provide authentication and encryption for applications, examine symmetric and asymmetric cryptography and digital signatures, and manage hierarchical Certification Authorities (CAs) and X.509 digital certificates. • Familiarity with cryptographic techniques"
537	Penetration Testing Training: Tools and Techniques	4	Intermediate	Instructor Led	In this Penetration Testing course, you'll delve into understanding how hackers breach operating systems and circumvent antivirus measures. By adopting hackers' strategies and approaches, you'll uncover vulnerabilities within your network. This hands-on experience equips you with the ability to test and exploit your defenses, enabling the implementation of effective countermeasures to mitigate risks within your enterprise.
589	Vulnerability Assessment Training: Protecting Your Organization	4	Intermediate	Instructor Led	"This training course on Vulnerability Assessment instructs participants on minimising expensive security breaches and assessing risks within their enterprise stemming from various vulnerabilities. Participants will learn to develop a comprehensive checklist for network security vulnerability assessments, pinpointing weaknesses in infrastructure, servers, web applications, and desktops. Moreover, the course covers report creation and interpretation, configuration of vulnerability scanners, identification of vulnerability points, and strategies for preventing network exploitation."
Data Privacy					
2041	CDPSE Training Course	3	Intermediate	Instructor Led	"There is a gap in the industry today for in-depth knowledge and skills in implementing technical privacy requirements. Certified Data Privacy Solutions Engineer (CDPSE) Training Course is the first technical experience-based certification of its kind that validates the certification holders expertise in implementing privacy controls into their existing and future systems, networks, and applications. CDPSE provides a valid and reliable means for enterprises to identify technologists who are competent in incorporating privacy by design into technology platforms, products, and processes, communicating with legal professionals, and keeping the organisation compliant efficiently and cost-effectively."
2066	Certified Information Privacy Technologist (CIPT) Training	2	Foundation	Instructor Led	"The "how" of privacy and technology. Certified Information Privacy Technologist (CIPT) training covers privacy and data protection practises in the development, engineering, deployment and auditing of IT products and services. Those taking the course will develop an understanding of privacy-related issues and practises in the context of the design and implementation of information and communication technologies and systems. The Certified Information Privacy Technologist (CIPT) Training is based on the body of knowledge for the IAPP's ANSI-accredited Certified Information Privacy Professional/ U.S. (CIPT/US) certification program. Launched by the IAPP in 2014, the CIPT is the first and only certification of its kind worldwide to meet the growing need that only tech pros can fill—securing data privacy at all stages of IT product and service lifecycles. No prerequisites, but we recommend all potential test takers to read the IAPP Privacy Certification Handbook 2018 prior to attending. Yes, it is an examination prep course for the Information Privacy Professional CIPT certification program. Key concepts are covered with a timed practise test, followed by a review of the answers led by your instructor. Students also receive an exam blueprint that gives the approximate number of questions from each topic area on the exam."
Governance, Risk, & Compliance					
2040	Certified Information Systems Auditor (CISA) Training	4	Intermediate	Instructor Led	"An ISACA CISA (Certified Information Systems Auditor) is recognised as one of the leading authorities in the areas of IS (Information Systems) auditing, control, and information security. This official CISA training course provides in-depth coverage of the five CISA domains covered on the CISA certification exam. These domains include Information System Auditing, governance and management of IT; information systems acquisition, development, and implementation; information systems operations and business resilience; and protection of information assets."
2037	Certified Risk and Information Systems Control (CRISC) Training	4	Intermediate	Instructor Led	This official ISACA CRISC training provides you with in-depth coverage on the four CRISC domains: risk identification; IT risk assessment; risk response and mitigation; risk and control monitoring and reporting. IT and enterprise risk management is key to an organisations operations and strategy. If you are an Information Technology professional, risk and control professional, business analyst, project manager or compliance professional, this Certified Risk and Information Systems Control training course will teach you to defend, protect and future-proof your enterprise.

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2038	CGEIT Certification Training	4	Intermediate	Instructor Led	<p>"It has become even clearer that organisations with corporate and IT governance policies and processes in place are better able to adapt quickly to changing situations and maintain productivity.</p> <p>This official ISACA CGEIT certification course prepares you for the exam to become Certified in the Governance of Enterprise IT. It provides you with in-depth coverage on the GEIT Framework. As part of this 2020 updated ISACA CGEIT exam content outline, the exam domains have been consolidated from five to four, and include the governance of enterprise IT, IT resources, benefits realisation, and risk optimisation. This course is designed specifically for Senior Managers, CIOs, Compliance and IS Professionals, and those looking for more efficient and effective practices to manage IT.</p> <p>The role of Enterprise IT Governance is not always clear to organisations looking to manage risk to and in an organisation. Achieve this in-demand certification and demonstrate your ability to manage IT resources."</p>
2061	CGRC Training and Certification	5	Intermediate	Instructor Led	<p>"A professional earning the Certified in Governance, Risk and Compliance (CGRC®) is an information security practitioner who advocates for security risk management in pursuit of information system authorization to support an organization's mission and operations in accordance with legal and regulatory requirements."</p>
2036	CISM Certified Information Security Manager	4	Intermediate	Instructor Led	<p>"In this course, you will gain the knowledge and skills needed to successfully pass the certification exam and become a CISM Certified Information Security Manager.</p> <p>This course will cover four CISM domains:</p> <ul style="list-style-type: none"> • Security governance • Risk management and compliance • Security programme development and management • Security incident management "
2058	CISSP Training and Certification Prep Course	5	Intermediate	Instructor Led	<p>"The CISSP Training and Certification Prep Course is a comprehensive training course aimed at preparing individuals for the CISSP Certified Information Systems Security Professional exam. The course covers various aspects of information security, including security measures, data security, and system security. The curriculum also includes a focus on security architecture, application security, and cryptographic keys. Participants will learn about the ISC2 code of ethics and the CIA triad, as well as the trusted platform module (TPM) 2.0.</p> <p>Individuals who complete the course will gain a solid understanding of the skills and knowledge required to pass the CISSP exam, which is administered by Pearson VUE. To become CISSP certified, candidates must have a minimum of five years of work experience in the field of information security.</p> <p>The course also covers the latest developments in information security, including the requirements for operating systems and the impact of data breaches on sensitive information. Participants will learn about social engineering and the importance of a comprehensive information security programme.</p> <p>The CISSP Training and Certification Prep Course provides the essential knowledge and skills required to become a CISSP-certified professional, with a focus on protecting the confidentiality, integrity, and availability of information.</p> "
2026	EC-Council Certified CISO Training CCISO v3	5	Advanced	Instructor Led	<p>"The Certified CISO (CCISO) EC-Council program is the first of its kind training and certification program aimed at producing top-level information security executives. The CCISO does not focus solely on technical knowledge but on applying information security management principles from an executive management point of view. Each segment of the program has been developed with the aspiring CISO in mind and looks to transfer the knowledge of seasoned professionals to the next generation in the most critical areas in developing and maintaining a successful information security program.</p> "
8742	Implement retention, eDiscovery, and Communication compliance in Microsoft ...	1	Intermediate	Instructor Led	<p>This hands-on course provides compliance professionals and auditors with the skills to manage data lifecycle, records management, eDiscovery, and communication compliance using Microsoft Purview. Learn how to create and manage retention policies, conduct eDiscovery (Premium) investigations, and implement communication compliance policies to ensure regulatory adherence. Gain practical experience in preserving, analyzing, and monitoring organizational data across Microsoft 365 services.</p>
2020	ISACA Advanced in AI Audit (AAIA) Certification	2	Intermediate	Instructor Led	<p>This two-day, instructor-led course provides IS auditors with the foundational knowledge and background of AI solutions to evaluate their proper governance, design, development, and security to apply their expertise in audit and assurance activities in the enterprise. The course is structured to align with the job practice and features a variety of knowledge check questions, case studies, activities, and discussions designed to apply the concepts to real-life business scenarios.</p>
8671	Microsoft Cybersecurity Architect (SC-100)	4	Advanced	Instructor Led	<p>This is an advanced, expert-level course. This Microsoft Cybersecurity Architect (SC-100) course prepares students with the expertise to design and evaluate cybersecurity strategies in the following areas: Zero Trust, Governance Risk Compliance (GRC), security operations (SecOps), and data and applications. Students will also learn how to design and architect solutions using zero trust principles and specify security requirements for cloud infrastructure in different service models (SaaS, PaaS, IaaS). Although not required to attend, students are strongly encouraged to have taken and passed another associate-level certification in the security, compliance and identity portfolio (such as AZ-500, SC-200 or SC-300) before attending this class.</p>

Course #	Course Title	Duration (Days)	Level	Delivery Type	Course Description
2060	SSCP Training and Certification	5	Foundation	Instructor Led	<p>"The SSCP Certification Course is a comprehensive training programme designed to prepare individuals to become Systems Security Certified Practitioners. The course covers the essential skills and concepts needed to pass the SSCP certification exam, which assesses the knowledge and abilities of IT professionals in the domains of systems security. With a focus on data security and security vulnerabilities, this course covers topics such as access control, security operations, incident response, cryptography, and network security. It also delves into the security issues and solutions associated with cloud computing, hybrid clouds, and private clouds.</p> <p>As companies increasingly rely on data centres, interactive application security testing (IAST), and dynamic application security testing (DAST), professionals need to have a deep understanding of software security and common vulnerabilities. With this training, IT professionals can gain the visibility and control necessary to protect their data and applications, as well as their business logic and source code.</p> <p>To qualify for this course, individuals should have at least one year of full-time work experience in one of the domains covered in the SSCP exam. Upon completing this course, individuals will be prepared to take the SSCP certification exam, which is included in the course tuition. With the knowledge gained from this training, professionals can help prevent data breaches and ensure their organisations' security.</p> "
Software Application Security					
2071	CertNexus Certified Cyber Secure Coder Training	3	Intermediate	Instructor Led	<p>"The stakes for software security are very high, and yet many development teams deal with software security only after the code has been developed and the software is being prepared for delivery. As with any aspect of software quality, to ensure successful implementation, security and privacy issues should be managed throughout the entire software development lifecycle.</p> <p>This authorized Cyber Secure Coder course from CertNexus presents an approach for dealing with security and privacy throughout the entire software development lifecycle. You will learn about vulnerabilities that undermine security, and how to identify and remediate them in your own projects. You will learn general strategies for dealing with security defects and misconfiguration, how to design software to deal with the human element in security, and how to incorporate security into all phases of development.</p> "
2059	CSSLP Training and Certification	5	Intermediate	Instructor Led	<p>"Attend this official ISC2™ Certified Secure Software Lifecycle Professional (CSSLP) training and certification course and get prepared to achieve this premier secure software development certification. This course provides you with in-depth coverage on the skills and concepts in the eight domains of software security. This includes Software Concepts, Requirements, Design, Implementation, Testing, Lifecycle Management, among others.</p> <p>This course covers secure software development with the Certified Secure Software Lifecycle (CSSLP) and its domains. Topics include identifying security requirements, secure SDLC, manual testing, unit testing, functional testing, acceptance testing, and security testing, code review, and test automation. Students learn about security vulnerabilities, software testing, and source code. The course covers IAST (Interactive Application Security Testing tools, CI/CD (Continuous Integration/Continuous Delivery pipeline, and penetration testing to help prepare for the CSSLP exam.</p> "
2028	EC-Council Certified Application Security Engineer (CASE) .NET	3	Intermediate	Instructor Led	<p>"This 3-Day EC-Council Certified Application Security Engineer (CASE) .NET course is designed to be a hands-on, comprehensive application security training course that will help software professionals create secure applications. This CASE training course will train software developers on the critical security skills and knowledge required throughout a typical software development life cycle (SDLC). The course focuses on the importance of implementing secure methodologies and practices required in today's insecure operating environment.</p> <p>Plus, this course will prepare you for the EC-Council CASE .NET exam and help you achieve Certified Application Security Engineer - .NET certification. Included in your course tuition is an EC-Council exam voucher that enables you to take the exam remotely."</p>
940	Securing Web Applications, Services, and Servers Training	4	Intermediate	Instructor Led	<p>"This Full Stack Cybersecurity Training for Web Apps and Services course provides in-depth, hands-on experience securing Web-based applications and their servers. You will gain in-depth experience securing web services and learn how to integrate robust security measures into the web application development process by adopting proven architectures and best practices.</p> <p>This web service security course includes the OWASP top 10 most critical web application security risks and how to remediate them."</p>
1696	Security Engineering on AWS (AWS SO)	3	Intermediate	Instructor Led	<p>Security Operations on AWS demonstrates how to efficiently use AWS security services to stay secure and compliant in the AWS cloud. The Security Engineering on AWS (AWS SO) course focuses on the AWS-recommended security best practices that you can implement to enhance the security of your data and systems in the cloud. The course highlights the security features of AWS key services including compute, storage, networking, and database services. This course also refers to the common security control objectives and regulatory compliance standards and examines use cases for running regulated workloads on AWS across different verticals, globally. You will also learn how to leverage AWS services and tools for automation and continuous monitoring &mdash; taking your security operations to the next level.</p>

Course #	Course Title	Duration (Days)	Level	Delivery Type	Course Description
Systems & Network Security					
2032	Certified Network Defender (CND) v3 Certification Training	5	Intermediate	Instructor Led	<p>"In this Certified Network Defender (CND) v3 training course, you will prepare to pass the EC-Council CND exam and learn the tactical skills needed to design and manage a secure network. You will gain a solid understanding of defensive security and hands-on capability to handle all types of network defence. You will learn to ensure data security, properly configure networking technologies and install defensive software to enhance confidentiality, integrity, and availability.</p> <p>EC-Council's Certified Network Defender (CND) training course is a comprehensive programme designed to provide IT professionals with the skills and knowledge to effectively protect, detect, and respond to network security threats. The course focuses on the latest tools and techniques for network defence, emphasising a holistic and proactive approach to securing modern network environments."</p>
446	CompTIA Security+ Training	5	Intermediate	Instructor Led	<p>"Looking to advance your career in information security? Look no further than CompTIA Security+ Training. This comprehensive course covers everything you need to know to pass the CompTIA Security+ SY0-701 certification exam and become an information system security best practices expert.</p> <p>Gain a deep understanding of systems and network security, network infrastructure, access control, assessments and audits, cryptography, and organizational security. You'll also receive a CompTIA Security+ exam voucher and 500 practice questions to help you prepare.</p> <p>With on-demand, online, and in-person training options, you can choose the delivery method that works best for you. And if you're looking for even more in-depth training, the Premium Blended Training and On-Demand Training Bundles offer annual access to a wealth of additional content and resources. So don't wait any longer to take your career to the next level - enroll in CompTIA Security+ Training today."</p>
289	Disaster Recovery and Business Continuity Training	4	Foundation	Instructor Led	<p>"In this disaster recovery and business continuity course, you will gain the skills to identify mission-critical continuity needs, define sources of risk, create an incident response team charter, implement a Business Continuity Management System (BCMS), and improve organisational resilience. Learn how to build a disaster recovery plan and implement a BCMS to ensure your organisation is protected from the constant risk of business disruptions caused by internal and external threats.</p> <p>This course is valuable for anyone involved in organisational business continuity planning, including those responsible for: ICT (Information and Communication Technology) Service Delivery, Line and project management, Facilities, Human Resources, and finance."</p>
2817	Implementing and Operating Cisco Security Core Technologies (SCOR) Training	5	Intermediate	Instructor Led	<p>"The Implementing and Operating Cisco Security Core Technologies (SCOR) v1.0 course helps you prepare for the Cisco® CCNP® Security and CCIE® Security certifications and for senior-level security roles. In this SCOR training, you will master the skills and technologies you need to implement core Cisco security solutions to provide advanced threat protection against cybersecurity attacks.</p> <p>You will learn security for networks, cloud and content, endpoint protection, secure network access, visibility, and enforcements. You will get extensive hands-on experience deploying Cisco Firepower® Next-Generation Firewall and Cisco Adaptive Security Appliance (ASA) Firewall; configuring access control policies, mail policies, and 802.1X Authentication; and more. You will get introductory practice on Cisco Stealthwatch® Enterprise and Cisco Stealthwatch Cloud threat detection features. This course, including the self-paced material, prepares you for the exam, Implementing and Operating Cisco Security Core Technologies (350-701 SCOR), which leads to the CCNP Security, CCIE Security, and the Cisco Certified Specialist - Security Core certifications. This course also earns you 64 Continuing Education (CE) credits towards recertification."</p>
2063	ISC2 Certified in Cybersecurity (CC) Entry-Level Certification	1	Foundation	Instructor Led	<p>To help close the workforce gap, ISC2 launched the Certified in Cybersecurity (CC) entry-level certification. With no experience required, it opens opportunities in the field to a much broader range of candidates, including recent graduates, career changers, and IT (Information Technology) professionals. In addition, CC starts newcomers on their path to advanced cybersecurity certifications like the CISSP (Certified Information Systems Security Professional), CompTIA Security+, and other future leadership roles.</p>
4525	Managing PKI Training	1	Foundation	Instructor Led	<p>"In this Managing PKI training course, you gain essential skills for designing, creating, and maintaining a Public Key Infrastructure (PKI), and learn how to leverage PKI to provide authentication and encryption for applications, examine symmetric and asymmetric cryptography and digital signatures, and manage hierarchical Certification Authorities (CAs) and X.509 digital certificates.</p> <ul style="list-style-type: none"> • Familiarity with cryptographic techniques"
.NET/Visual Studio					
2601	.NET Web Services: WCF, Web API, gRPC, and SignalR	4	Advanced	Instructor Led	<p>.NET includes multiple web service frameworks that allow enterprise applications to gain online access to critical business data. In this .NET Web Services training course, you will programme WCF, ASP.NET Web API, gRPC and SignalR web services with C# to exploit each of the frameworks and maximise these technologies. These services connect isolated data to create powerful, distributed .NET applications.</p>

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511	Advanced C#, Design Patterns and Best Practices	4	Advanced	Instructor Led	<p>Gain the skills needed to solve enterprise-level software programming problems to quickly deliver reliable applications that realize the value and quality goals of Agile development. In part 1 you will identify and apply tactical design patterns to achieve SOLID results. This includes a cross section of patterns from lazy Singleton to delegate-based Strategy to leveraging the Task Parallel Library (TPL) using asynchronous adapters. Best practices include comprehensive coverage of automated Test-Driven Development (TDD) and modern techniques for paying down technical debt. In part 2, strategic architectural patterns such as MVC and ORM are utilized to achieve "separation of concerns", an approach in which you will learn to write C# code that is much more maintainable, flexible and resilient. You will apply extended features, including definitive coverage Language Integrated Query (LINQ), to streamline the use of C# as both an object-oriented and a first-class data-manipulation language. This includes leveraging the Entity Framework (EF) in the highly portable and open .NET Core environment. Throughout the course, advanced and less-used features of C# are introduced as needed including specialized C# keywords, advanced lambda expressions, extension methods, generic classes and delegates, universal functions, dynamic enumeration and anonymous types. In particular, to optimize data access, productivity, and overall application performance.</p>
2622	ASP.NET Learning CORE & CORE 7 for ASP.NET MVC Developers Training	3	Intermediate	Instructor Led	<p>Learn how to use the .NET Core technologies in this ASP.NET CORE & CORE 7 for ASP.NET MVC Developers Training to create and deploy modern applications that leverage microservice design and support multiple devices on multiple platforms. This course builds on developers' existing knowledge of ASP.NET MVC to build ASP.NET Core and Core 7 applications, including Web Services.</p>
977	Building Web Applications with ASP.NET Core	4	Intermediate	Instructor Led	<p>This Building Web Applications in training lets developers build web applications using all the features of ASP.NET Core, including MVC, Razor Pages, and Web Services. This course also shows how to use the .NET Core technologies to create and deploy modern applications that leverage microservice design and support multiple devices on multiple platforms.</p>
8701	Develop an ASP.NET Core Web App that Consumes an API (AZ-2002)	1	Intermediate	Instructor Led	<p>Learn how to gather information from API documentation and perform HTTP operations in an ASP.NET Core Razor Pages web app.</p>
502	Introduction to .NET Programming Training	3	Foundation	Instructor Led	<p>"This Introduction to .NET Programming training course provides hands-on programming experience in C# or VB.NET for individuals with little or no software development background. Using the latest technology and the popular Visual Studio development environment, the training produces all three levels of a complete application. Starting with the most fundamental elements of computer programming, you learn how to write, debug and test code to generate graphical user interfaces, implement controllers for business logic and access relational databases - all of the elements of virtually any program. Participants can use either C# or VB &ndash; the Microsoft .NET core languages. Both include database access using Language Integrated Query (LINQ) via the industry-leading Entity Framework (EF). Of special note, this course combines adaptive learning (AdaptaLearn) with the use of Generative AI (Chat.OpenAI) to accelerate your pace of learning and ensure you are highly productive the moment you return to work. A post-course AI-driven hands-on practicum is provided for ongoing practice and improvement."</p>
Artificial Intelligence					
4700	"Introduction to Artificial Intelligence (AI)"	1	Foundation	Instructor Led	<p>In this hands-on Introduction to Artificial Intelligence course, we will introduce you to the key concepts in modern AI and discuss how they apply to you and your business. You will get "hands-on" with AI technologies and gain an appreciation of what is happening under the surface while discussing many of the challenges that are holding back the adoption of these tools.</p>
1298	BCS Foundation Certificate in Artificial Intelligence	3	Foundation	Instructor Led	<p>The BCS Foundation Certificate in Artificial Intelligence equips candidates with knowledge of key AI techniques, their use in the real world and their impact on our lives. This course explores the historical journey of AI, the advantages and challenges of ethical and sustainable AI, the key enablers of AI including data and the future interplay between AI and human roles in the workplace.</p>
1216	AI Cybersecurity: Attack and Defend	3	Intermediate	Instructor Led	<p>This course explores the intersection of AI and cybersecurity, starting with a foundational understanding of AI technologies such as machine learning, deep learning, and natural language processing, as well as their applications in various industries. The content delves into mitigating risks associated with AI adoption, including risk management and ethical considerations, and identifying vulnerabilities in AI systems. The importance of integrating AI into security operations is covered through the use of AI for intrusion detection, threat intelligence, and automated incident response, as well as AI's potential for transforming hacking techniques while highlighting AI-powered attacks and tools. The Course also emphasises the need for aligning AI with common security frameworks and regulatory compliance, as well as exploring future trends such as federated learning, AI-powered cyber deception, quantum computing for AI, explainable AI, and AI-driven security automation.</p>
ABW894	AI and Machine Learning fundamentals using Python	3	Foundation	Instructor Led	<p>In this course we will examine the basics of Machine Learning and which libraries are available in Python. We will build a number of models from simple linear regression all the way to advanced neural networks to recognize objects.</p>
1851	AI for Software Engineers: Concepts and Techniques	3	Intermediate	Instructor Led	<p>This three-day intensive course is designed to equip software engineers, project managers, and technical leads with the tools and insights needed to leverage artificial intelligence (AI) effectively. By focusing on AI concepts, practical implementations, and ethical considerations, participants will enhance their ability to integrate AI into modern software projects.</p>

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4703	AI Insights for Business Users in Government	1	Foundation	Instructor Led	This condensed course is designed to provide a foundational understanding of Artificial Intelligence (AI) and its transformative applications within the federal government.
2015	AI Powered SecOps with SIEM and SOAR	3	Intermediate	Instructor Led	<p>"This course explores the intersection of AI and cybersecurity, starting with a foundational understanding of AI technologies such as machine learning, deep learning, and natural language processing, as well as their applications in various industries. The content delves into mitigating risks associated with AI adoption, including risk management and ethical considerations, and identifying vulnerabilities in AI systems.</p> <p>The importance of integrating AI into security operations is covered through the use of AI for intrusion detection, threat intelligence, and automated incident response, as well as AI's potential for transforming hacking techniques while highlighting AI-powered attacks and tools. The Course also emphasizes the need for aligning AI with common security frameworks and regulatory compliance, as well as exploring future trends such as federated learning, AI-powered cyber deception, quantum computing for AI, explainable AI, and AI-driven security automation."</p>
3697	AIOps Foundation (AIOF) Certification	2	Intermediate	Instructor Led	<p>"This AIOps Foundation course aims to cover the origins of AIOps including the history behind the term, patterns that preceded it and the technology context in which it has evolved. Learners will gain an understanding of the processes of combining big data analytics, machine learning algorithms, automation, and optimisation into a single platform. This course introduces key principles and foundational concepts along with the core technologies of AIOps: big data and machine learning. The course will provide students with an understanding of how and why digital transformation, together with the evolution of machine learning, have brought about the rise of AIOps as an indispensable tool in today's IT Operational landscape. Core technologies of machine learning and big data will be discussed, as well as the basic concepts of artificial intelligence, different types of machine learning models that can be implemented, and the relationship between AIOps and MLOps, DevOps and Site Reliability.</p> <p>This foundation course will also provide the student with a solid understanding of the benefits of implementing AIOps in the organisation, including common challenges and key steps in ensuring valuable and successful integration of artificial intelligence in the day-to-day operations of information technology solutions.</p> <p>Unique and exciting exercises will be used to apply the concepts covered in the course and sample documents, templates, tools, and techniques will be provided to use after the class. This course positions learners to successfully complete the AIOps Foundation certification exam."</p>
4535	AI-Powered Programming in Python	1	Intermediate	Instructor Led	Explore how AI can revolutionize your Python programming workflow. This hands-on course introduces you to AI-powered tools and techniques for generating, debugging, and optimizing code. Learn to seamlessly integrate AI into your development process to boost productivity while maintaining quality. Topics include AI-assisted code, debugging, testing, documentation, and best practices to balance AI automation with human expertise. Unlock the potential of AI to elevate your coding skills and streamline software development tasks.
1258	Applied AI for Government IT Professionals	3	Intermediate	Instructor Led	This course is designed to provide a foundational understanding of Artificial Intelligence (AI) and its transformative applications within the federal government.
1299	Artificial Intelligence for IT Service Management Training	2	Intermediate	Instructor Led	Learn to enhance productivity by automating common IT Service Management (ITSM) tasks and leveraging AI for creating presentations, summarizing documents, and generating standards-compliant content. Gain insights into managing AI technology, platforms, threats, and risks. This 2-day course covers everything from the basics of AI to its strategic applications in ITSM, ensuring you are equipped to harness the full potential of AI in your organization.
1263	Beginner Data Science with Python and Jupyter	1	Foundation	Instructor Led	<p>"Attend this Applied Data Science with Python and Jupyter training course and learn about some of the most commonly used libraries that are part of the Anaconda distribution and then explore machine learning models with real datasets. You will also learn about creating reproducible data processing pipelines, visualisations, and prediction models, all with the goal of giving you the skills and exposure you'll need for the real world.</p> <p>Data Science is one of the fastest growing professions across all industries. Open source tools like Python have become increasingly popular, and when paired with Jupyter Notebooks, can provide a variety of data-science applications. Attend this one-day hands-on course and learn to leverage all that these powerful tools have to offer.</p> <ul style="list-style-type: none"> Knowledge of programming fundamentals and some experience with Python, including Python libraries, Pandas, Matplotlib, and scikit-learn."
8747	Build a Foundation to Extend Microsoft 365 Copilot (MS-4014)	1	Foundation	Instructor Led	This course explores extending Copilot's capabilities with Microsoft Graph connectors and custom engine copilots, guiding participants to choose the best development path. It concludes with agent management in the Microsoft 365 admin center.
8694	Build a Natural Language Processing Solution with Azure AI Services (AI-3003)	1	Intermediate	Instructor Led	Build a Natural Language Processing Solution with Azure AI Services (AI-3003) is a dynamic one-day course tailored for software developers keen on integrating AI capabilities into their applications utilising Azure AI Services and Azure AI Language. Throughout the course, participants will utilise either C# or Python programming languages to harness the power of Azure AI Language.
8695	Build an Azure AI Vision Solution with Azure AI Services (AI-3004)	1	Intermediate	Instructor Led	Build an Azure AI Vision solution with Azure AI Services (AI-3004) is an immersive one-day course designed for software developers seeking to integrate AI capabilities into their applications using Azure AI Services and Azure AI Language. Throughout the course, participants will utilise either C# or Python programming languages to harness the power of Azure AI Services.

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8724	Build connectors and plugins for Microsoft Copilot for Microsoft 365 (MS-4010)	1	Foundation	Instructor Led	This course provides a comprehensive introduction to extending Microsoft Copilot for Microsoft 365. You will explore how to build connectors and plugins that enhance Copilot's functionality, whether you are a pro-code or low/no-code developer. From understanding the fundamentals of Copilot extensibility to hands-on projects with .NET, Visual Studio, and TypeScript, you'll learn best practices for creating high-quality extensions that align with data, privacy, and security considerations.
1293	Building Practical Skills in NLP and Generative AI	3	Advanced	Instructor Led	"Welcome to the 3-day intensive course on Building Practical Skills in NLP and Generative AI! This course is designed to equip you with a deep understanding and practical skills in the latest developments in Natural Language Processing (NLP) and Generative AI technologies. By exploring foundational principles, advanced techniques, and real-world applications, this course will enable you to navigate and harness the capabilities of state-of-the-art AI models."
1250	Components of a Big Data and AI Solution Introduction	3	Foundation	Instructor Led	"Unlock the true potential of your business with our cutting-edge Components of a Data and AI Solution course! This hands-on introduction takes you on a transformative journey from raw data to invaluable insights, leveraging the power of data and AI. Gain a competitive edge by understanding what tools can do and how to extract real business value from their output. Our comprehensive training integrates an overarching view of the data-to-insights process with focused data science expertise, empowering you to store, manage, process, and analyse massive volumes of structured and unstructured data. Plus, decision-makers benefit significantly from exposure to available options and establishing a common vocabulary with technical practitioners. Maximise your potential with our Components of a Data and AI Solution training today!"
8717	Copilot for Microsoft 365 User Enablement Specialist (MS-4007)	1	Foundation	Instructor Led	In this course, you'll learn the knowledge and skills to drive the enablement of Microsoft Copilot for Microsoft 365. You'll explore effective strategies, including the Copilot for Microsoft 365 user enablement framework. Any successful technological transformation in an organisation requires a holistic approach, including employee engagement, strong leadership, clear goals, and collaborative learning.
8722	Create Custom Copilots with Azure AI Studio (AI-3016)	1	Intermediate	Instructor Led	Generative Artificial Intelligence (AI) is becoming more accessible through easy-to-use platforms like Azure AI Studio. Learn how to build generative AI applications like custom copilots that use language models and prompt flow to provide value to your users.
8693	Develop AI Information Extraction Solutions in Azure (AI-3002)	1	Intermediate	Instructor Led	"In this course, you will learn how to: Design tailored solutions for analysing business forms through Azure AI Document Intelligence. Develop solutions for analysing various types of common documents using Document Intelligence. Implement solutions for analysing diverse custom form types with Document Intelligence. Learn to amalgamate multiple Document Intelligence models into a composite model for enhanced functionality."
8728	Customizing Copilot AI Assistants for Use in Your Organization (PL-7008)	1	Intermediate	Instructor Led	In this 2-Day Applied Skills course, you will learn how to create intelligent, custom copilots using Microsoft Copilot Studio. This hands-on course covers essential concepts, including managing topics, working with entities and variables, and enhancing copilots by integrating additional technologies like Power Automate and Dataverse for Teams. You'll also practice these skills in guided exercises, building a strong foundation to deploy copilots that streamline decision-making and reduce the need for high-code solutions.
ABW883	Demystifying ChatGPT	1	Foundation	Instructor Led	From Basics to Building Your Own Custom GPT this one-day practical workshop will empower you to maximise the potential of ChatGPT as an AI Assistant. From copywriting, fomatting, and brainstorming to creating your own personal AI Assistant during the class, you will leave with fantastic skills a brand new ways to use ChatGPT.
ABW884	Demystifying AI and Machine Learning	1	Intermediate	Instructor Led	This one-day course is designed to cut through the noise and explain artificial intelligence and machine learning in clear, accessible language. You'll learn what AI really is, how machine learning works, and where these technologies are already being used across industries. The session explores risks, limitations, and regulatory trends, alongside real-world examples that bring abstract concepts to life. Whether you're a policymaker, communicator, manager, or team member in a non-technical role, you'll leave with the confidence to engage in informed discussions about AI and consider its relevance to your work.
8743	Design a Dream Destination with AI (AI-3024)	0.5	Foundation	Instructor Led	In this Half Day hands-on training class, you learn about the capabilities of generative AI using Microsoft Copilot. Bring your personal creativity and passion to dream up a novel destination and create the content to help tell its story.
8589	Designing and Implementing a Microsoft Azure AI Solution Training (AI-102)	4	Intermediate	Instructor Led	AI-102 Designing and Implementing an Azure AI Solution is intended for software developers wanting to build AI-infused applications that leverage Azure Cognitive Services, Azure Cognitive Search, and Microsoft Bot Framework. The Microsoft Azure AI Solution Training course will use C# or Python as the programming language.
8720	Develop AI Agents Using Azure OpenAI and the Semantic Kernel SDK (AZ-2005)	1	Foundation	Instructor Led	"Welcome to ""Develop AI Agents using Azure OpenAI and the Semantic Kernel SDK." In this training course, you will learn how to leverage the Semantic Kernel SDK to build intelligent applications capable of automating tasks and performing natural language processing. Designed for developers familiar with .NET and Visual Studio Code, this course provides a comprehensive guide to utilizing the Azure OpenAI Service to enhance your applications with generative AI."

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2328	Developing and Deploying AI Applications	3	Intermediate	Instructor Led	<p>"In this hands-on Developing and Deploying AI Enabled Applications course we will explain how AI and AI Agents can be integrated into applications across a wide spectrum of AI use cases and scenarios including natural language processing, vision, and speech recognition.</p> <p>You will build AI enabled applications and Agents for applications such as chatbots that access your organizational data and greatly improve customer experience and organizational productivity. You will explore issues such as security and privacy, choosing AI platforms, and maintenance and operations."</p>
8690	Dynamics 365 Business Central Developer (MB-820)	5	Advanced	Instructor Led	<p>Become a proficient Dynamics 365 Business Central developer through our comprehensive course. Learn to extend Business Central by creating new modules, modifying existing ones, and integrating with other applications, including Microsoft Power Platform products. Develop expertise in troubleshooting, debugging, and optimising system performance. Gain hands-on experience in upgrading, migrating data, and maintaining system security to ensure Business Central remains up-to-date and efficient.</p>
8689	Empower Your Workforce with Copilot for Microsoft 365 Use Cases (MS-4004)	1	Foundation	Instructor Led	<p>"Explore the power of Copilot for Microsoft 365 in this dynamic 1-day Microsoft course. The first part covers essential Copilot functionalities across various Microsoft 365 apps, offering insights into best practices, effective prompt creation, and extending capabilities with plugins and Graph connectors.</p> <p>The heart of the course lies in the second part, where participants engage in hands-on exercises across seven key Use Cases - Executives, Sales, Marketing, Finance, IT, HR, and Operations. Through practical scenarios in Microsoft 365 apps like Word, PowerPoint, and Outlook, students tackle common business tasks related to each Use Case. Join us to unleash the potential of Copilot and empower your workforce."</p>
7301	Fundamentals of Graph Databases On-Demand	N/A	Foundation	On-Demand	<p>"Unlock the potential of data relationships with our comprehensive On-Demand Graph Databases course. Designed for professionals of all backgrounds, this foundational course provides a clear and concise introduction to the world of Graph Databases and their transformative applications. Dive into the essentials of graph theory, explore real-world use cases, and discover how Graph Databases revolutionise data analysis, strategic decision-making, and AI integration. With hands-on exercises using platforms like Neo4j, you'll gain practical experience in creating and querying Graph Databases.</p> <p>Whether you're a data analyst, business manager, database administrator, or technical training professional, this course equips you with the knowledge to harness the power of Graph Databases and elevate your expertise in modern data management and AI strategies."</p>
4705	Generative AI Strategies for Project Managers	1	Foundation	Instructor Led	<p>"Unlocking the Power of AI for Project Success: A Hands-on Guide for Project Managers</p> <p>Ready to unlock the power of AI for your projects? Embark on this journey and become a pioneer in leading the future of project management!</p> <p>This comprehensive course is designed to equip project managers with the skills and knowledge to harness the power of Artificial Intelligence (AI), specifically Generative AI (Gen AI). Build confidence in interacting with these powerful tools with interactive demonstrations, hands-on activities, ready-to-use Prompt Libraries and Cheat sheets.</p> <p>By the end of this course, you will be able to inspire and lead your team in embracing the transformative potential of AI for project management.</p> <p>Get ready to:</p> <ul style="list-style-type: none"> • Demystify the jargon: Develop a clear understanding of key AI terms and concepts, empowering you to navigate this rapidly evolving field with confidence. • Embrace AI strategies: Learn practical techniques to integrate AI into your project management workflows, from planning and risk assessment to task automation and communication optimization. • Discover cutting-edge tools: Explore the capabilities of leading generative AI models like Open AIs ChatGPT, Googles Gemini, and Microsofts Copilot, and understand how to effectively leverage them in your projects. • Master prompt engineering: Craft effective prompts to elicit the precise outputs you need, unlocking the full potential of generative AI for tasks ranging from content creation to risk identification. • Optimize output: Learn best practices for formatting and refining AI-generated content to ensure it aligns seamlessly with your project goals and communication needs. • Explore advanced applications: Dive into real-world examples of how generative AI is driving innovation in project management, inspiring creativity, enhancing collaboration, and fostering deeper empathy within teams. • Navigate challenges and ethics: Gain insights into the ethical considerations and potential challenges associated with AI, ensuring responsible and equitable implementation in your projects. • Anticipate future trends: Explore emerging AI capabilities like multi-modal prompting and their implications for the future of project management, preparing you to stay ahead of the curve."
8721	Get Started with Microsoft Copilot for Security (SC-5006)	1	Foundation	Instructor Led	<p>Learn about Microsoft Copilot for Security, an AI-powered security analysis tool that enables analysts to process security signals and respond to threats at a machine speed, and the AI concepts upon which it's built.</p>
1294	Graph Databases for Data Analytics and AI	3	Intermediate	Instructor Led	<p>"In this Graph Databases for Data Analytics and AI Training course, you will learn how databases for graph data can support data analytics and artificial intelligence in ways not practical with traditional relational databases. You will see practical and profitable use cases and understand the importance of graph data in todays world. You will master the practical aspects of importing and exporting data for graph databases, and how graph databases are searched and queried.</p> <p>Graph databases are also ideal for the representation of human knowledge, not just simple facts. You will understand how knowledgebase graphs integrate with artificial intelligence systems and learn to use these systems to provide business analyses and insights."</p>

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8705	Implement a Data Science and Machine Learning Solution for AI with Microsoft ...	1	Foundation	Instructor Led	Dive into the data science process and discover how to train machine learning models for artificial intelligence within Microsoft Fabric. This course covers loading data into a Lakehouse, exploring data using notebooks, preprocessing data with Data Wrangler, training models with MLflow, and generating batch predictions with deployed models.
8730	Implement knowledge mining with Azure AI Search (AI-3022)	1	Intermediate	Instructor Led	Unlock insights from structured and unstructured data with Azure AI Search. Learn to extract, analyze, and search your data more effectively by integrating advanced AI capabilities into your applications.
8704	Implement Real-Time Intelligence with Microsoft Fabric (DP-603)	1	Foundation	Instructor Led	This DP-603 Course provides a comprehensive introduction to real-time intelligence within Microsoft Fabric. Participants will learn how to source streaming data, utilise Eventstream for real-time data processing, query data using KQL, and create dynamic real-time dashboards.
1264	Introduction to AI, Data Science & Machine Learning with Python	5	Foundation	Instructor Led	"Data science is a field that has exploded in popularity in recent years, and for good reason. Companies across industries are increasingly relying on data to inform their decision-making, and skilled data scientists are in high demand. In this comprehensive course, you'll learn the foundational skills and techniques you need to succeed in this exciting field. You'll start by exploring the role of a data scientist and the lifecycle of data science efforts within an organisation. Then, you'll dive into the technical skills you need, such as using Python and its relevant libraries for data analysis and visualisation, preprocessing unstructured data, and building AI/ML models. You'll also explore key machine learning algorithms, including linear regression, decision tree classifiers, and clustering algorithms. And, you'll learn how to apply these techniques to real-world problems, such as predicting customer churn and building recommendation engines. Throughout the data science training, you'll have the opportunity to work on hands-on exercises and projects, allowing you to practice your skills and build your portfolio. By the end of the course, you'll have a deep understanding of the data science process, the tools and techniques used by data scientists, and the ability to apply these skills to real-world problems."
1259	Introduction to Machine Learning for Non-Programmers	2	Foundation	Instructor Led	This No Code Machine Learning course provides a practical and accessible approach to utilising no code Machine Learning for data evaluation, prediction, analysis, and optimisation. Designed for both non-technical and technical data users, it equips you with foundational knowledge to enhance collaboration between business analysts, data scientists, and data engineers.
4509	Introduction to Python for Data Analytics	1	Foundation	Instructor Led	"Gain the skills you need to analyse and visualise data with Python. In this Python training, you learn the fundamentals of Python programming with a focus on data analytics, and work with popular statistical computing libraries — like numpy, Pandas, sciPy, and Scikit-learn — that allow you to begin analysing data to answer key business questions. The eBooks and on-demand courses provided with this offering are a great way to explore your interest in the topics covered in the instructor-led course. At any time during your annual access to this offering, you may attend one of our 1-day review sessions, Course 4509: {course:4509}."
2020	ISACA Advanced in AI Audit (AAIA) Certification	2	Intermediate	Instructor Led	This two-day, instructor-led course provides IS auditors with the foundational knowledge and background of AI solutions to evaluate their proper governance, design, development, and security to apply their expertise in audit and assurance activities in the enterprise. The course is structured to align with the job practice and features a variety of knowledge check questions, case studies, activities, and discussions designed to apply the concepts to real-life business scenarios.
1278	Leveraging Deep Learning for Natural Language Processing Course	3	Intermediate	Instructor Led	In this Natural Language Processing course, you will learn how to navigate the various text pre-processing techniques and select the best neural network architecture for Natural Language Processing.
8686	Machine learning with Azure Databricks (DP-3014)	1	Intermediate	Instructor Led	Embark on an enriching journey with this hands-on instructor-led Microsoft course, 'Machine Learning with Azure Databricks (DP-3014)', designed to empower you with cloud-scale capabilities for data analytics and machine learning. Within this immersive one-day experience, you'll delve into Azure Databricks, a versatile platform enabling data scientists and machine learning engineers to implement robust solutions at scale, revolutionizing the way data insights are extracted and utilized.
8746	Microsoft 365 Copilot Chat Interactive Experience for Executives (MS-4012)	1	Foundation	Instructor Led	Discover how Microsoft 365 Copilot Chat (available without a Microsoft 365 Copilot license) elevates workplace productivity. This experience, tailored for the modern business leader, provides insights on crafting contextual prompts for Copilot and includes engaging use case exercises that showcase seamless integration into daily workflows.
8580	Microsoft Azure AI Fundamentals Training (AI-900)	1	Foundation	Instructor Led	Artificial Intelligence (AI) will define the next generation of software solutions and unlocks the potential to create amazing applications that improve life for everyone. This Microsoft Azure AI Fundamentals Training introduces AI and the Microsoft services students can use to create AI solutions.
8696	Migrate SQL Server workload to Azure SQL (DP-3001)	1	Intermediate	Instructor Led	Prepare for the seamless migration of SQL Server workloads to Azure SQL Database with this focused learning path. Explore assessment methodologies and compatibility checks using tools like the Azure SQL Migration Extension and Database Migration Assistant. Gain practical experience in provisioning and configuring Azure SQL Database resources while mastering migration strategies tailored to minimise downtime and optimise performance. Additionally, delve into essential post-migration tasks such as disaster recovery planning and database monitoring, ensuring a smooth transition and sustained operational excellence in the Azure environment.

Course #	Course Title	Duration (Days)	Level	Delivery Type	Course Description
8731	Prepare security and compliance to support Microsoft 365 Copilot (MS-4002)	1	Intermediate	Instructor Led	This course equips administrators with the tools and knowledge needed to prepare key security and compliance features for a successful Microsoft 365 Copilot implementation.
4701	Preparing for an AI Transformation Initiative	1	Foundation	Instructor Led	"This course offers a comprehensive overview of AI transformation components. It covers AI fundamentals, with an emphasis on generative AI and their rationale. Participants will explore key AI technologies and tactics, learning how to leverage them effectively. The central theme is improving the customer experience through a planned approach, utilizing tools like customer journey maps, digital twins, and data science. The course highlights the importance of cultivating an AI mindset for both leaders and individuals. Additionally, it introduces strategies for continual improvement to ensure sustainable and effective AI transformation."
1296	Prompt Engineering Automation with Python Course	5	Advanced	Instructor Led	"Welcome to the 5-day artificial intelligence and prompt engineering course! This exciting and cutting-edge Prompt Engineering Automation with Python Course shows you how to automate prompting with Python to get the most value out of artificial intelligence. You will explore the latest and most powerful Python and LangChain tools so you can automate agents. Emphasis is placed on balancing creative ambition with controlled responsibility to unlock sustainable business value."
1375	Prompt Engineering for AI Image-Generation	0.5	Foundation	Instructor Led	In this course, you will generate images effectively using AI tools. Artificial intelligence (AI) tools can be used in a business setting to create images that are unique, high quality, and cost effective. In response to your written prompt describing what you require in an image, these tools can quickly produce art, illustrations, diagrams, sketches, graphical concepts, and a wide range of other images, enabling you to save time and money designing and developing new graphic concepts, custom images, and product designs.
1374	Prompt Engineering for AI Text-Generation	0.5	Foundation	Instructor Led	In this course, you will generate text effectively using AI tools. Artificial intelligence (AI) tools can be used in a business setting to generate text that is unique, thorough, and highly effective at communication. In response to your written prompt describing what you require, these tools can quickly summarize information, generate ideas, solve problems, participate in conversations, and engage in a wide range of other purposes, enabling you to save time and money designing and developing text-based content. To achieve these goals, you must learn how to tell AI tools what you want in the right ways through prompt engineering.
1288	The ISTQB Certified Tester AI Testing (CT-AI)	4	Intermediate	Instructor Led	The ISTQB® Certified Tester AI Testing (CT-AI) certification is a globally recognized credential designed for professionals involved in testing artificial intelligence (AI) systems. This certification provides foundational knowledge of AI concepts, technologies, and the specific challenges associated with testing AI-driven applications. This course covers fundamental AI concepts, testing methodologies for AI systems, unique challenges such as bias and explainability, key quality characteristics like performance and security, and introduces tools and techniques for effective AI system assessment.
1269	Time Series Analysis Using R	1	Foundation	Instructor Led	"A time series is simply a series of data points arranged chronologically. Time series appear in many contexts. • Finance (e.g. stock prices) • Marketing (e.g. new customers, sales) • Health (e.g. infections, deaths) • Science (e.g. earthquakes) • ...and many, many more"
8723	Transform Your Business with Microsoft AI (AI-3017)	0.5	Foundation	Instructor Led	This Half Day training class is designed for business leaders and professionals seeking to leverage the power of Microsoft AI solutions. Participants will explore core AI concepts, develop strategies to create business value, adopt responsible AI practices, and gain insights on scaling AI adoption within their organizations.
8744	Work Smarter with AI and Microsoft Copilot (AI-3025)	0.5	Foundation	Instructor Led	Get more done and unleash your creativity with Microsoft Copilot. In this half day training course, you'll explore how to use Microsoft Copilot to help you research, find information, and generate effective content.
2019	ISACA Advanced in AI Security Management (AAISM) Certification	2	Intermediate	Instructor Led	"ISACA Advanced in AI Security Management (AAISM) validates security management professionals' ability to demonstrate their expertise in AI. This credential builds upon existing security best practices to enhance expertise and adapt to the evolving AI-driven landscape, ensuring robust protection and a strategic edge. Prerequisites Must possess a CISM or CISSP to be eligible for Certification."
8698	Develop AI Agents on Azure (AI-3026)	1	Intermediate	Instructor Led	"This training class introduces AI agents, focusing on their development and deployment using Azure AI Foundry Agent Service and Semantic Kernel Agent Framework. Participants will learn when to use AI agents and how to build them effectively on Azure. Prerequisites Familiarity with fundamental AI concepts and services in Azure. Completion of the ""Get started with artificial intelligence"" learning path is recommended."

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8751	Extend Microsoft 365 Copilot in Copilot Studio (MS-4022)	1	Intermediate	Instructor Led	<p>"This course guides learners through the process of building agents that extend Microsoft 365 Copilot with additional knowledge and capabilities. Using Copilot Studio, participants will learn to build declarative agents, add knowledge, configure actions, and publish agents to Microsoft 365 Copilot.</p> <p>Prerequisites</p> <p>Familiarity with Microsoft 365 Copilot.</p> <p>Familiarity with options for extending Microsoft 365 Copilot."</p>
8752	Explore Microsoft 365 Copilot Chat (MS-4023)	1	Foundation	Instructor Led	<p>This course introduces Microsoft 365 Copilot Chat as a secure, AI-powered assistant that boosts productivity by leveraging web-based insights. It guides learners on accessing the tool, navigating its interface, and utilizing it effectively to enhance productivity, streamline work, and collaborate securely in real-time.</p>
1925	Getting the Most from your Spreadsheets with GenAI	1	Foundation	Instructor Led	<p>"In this course, you will use generative AI to assist you as you work with spreadsheets. Artificial intelligence (AI) has rapidly become a phenomenon; a much-talked-about technological sea change. It's also a major disruptive force in the world of business. Generative AI tools can provide value in many ways, one of which is by assisting people who work with data stored in spreadsheets.</p> <p>No matter what spreadsheet software you use, what the data is about, or how it's structured, you can use freely available generative AI tools to enhance your productivity and help you find solutions to problems that can guide crucial business decisions. And you can do all of this without having to pay for expensive AI integration into your spreadsheet software. You just need to know what generative AI can do for you, what free tools to leverage, and the right questions to ask to get the most from your spreadsheets."</p>
1926	Getting the Most from your Presentations with GenAI	0.5	Foundation	Instructor Led	<p>"In this course, you will use generative AI tools to help you develop business presentations.</p> <p>Generative Artificial Intelligence (GenAI) tools such as ChatGPT, Copilot, and Gemini have taken the world by storm. Business users have found numerous creative ways to use these tools to get their work done faster and more efficiently. This includes the development of business presentations. Whether you use Microsoft PowerPoint, Google Slides, LibreOffice Impress, or another application to produce your slides, GenAI tools can help you generate text and image content for your slides, as well as presenter notes and handouts. This is even possible using free online AI tools that don't require additional costs beyond your current investment in your office productivity software."</p>
1927	Getting the Most from your Documents with GenAI	0.5	Foundation	Instructor Led	<p>"In this course, you will use generative AI tools to help you develop text and images that you can use in your word processor or desktop publishing application. Business users have found many ways to take advantage of generative artificial intelligence (GenAI) tools such as ChatGPT, Copilot, Gemini™, and Claude. These tools can help you get work done faster and more efficiently.</p> <p>This includes the authoring of content within word processing tools like Microsoft® Word, Google Docs™, and LibreOffice® Writer or desktop publishing tools such as Adobe® InDesign®, Microsoft Publisher®, and QuarkX-Press. GenAI tools can help you brainstorm ideas to inspire your writing and can help you create and revise text and image content for a wide range of writing and documentation projects. And all these tasks can be accomplished using free online AI tools."</p>

AWS

1690	Advanced Architecting on AWS (AWSAA)	3	Advanced	Instructor Led	<p>Building on concepts introduced in Architecting on AWS, Advanced Architecting on AWS is intended for individuals who are experienced with designing scalable and elastic applications on the AWS platform. Building on concepts introduced in Architecting on AWS, this course covers how to build complex solutions which incorporate data services, governance, and security on AWS. This course introduces specialized AWS services, including AWS Direct Connect and AWS Storage Gateway to support Hybrid architecture. It also covers designing best practices for building scalable, elastic, secure, and highly available applications on AWS.</p>
1689	Architecting on AWS (AWSA)	3	Intermediate	Instructor Led	<p>In this Architecting on AWS (AWSA) course, you will learn the fundamentals of building IT infrastructure on the AWS platform. You will learn how to optimize the AWS Cloud by understanding AWS services and how they fit into cloud-based solutions. You will explore AWS Cloud best practices and design patterns to help you architect optimal IT solutions on AWS. You will also examine case studies that show how AWS customers have designed their infrastructures and the strategies and services they implemented. You will build and explore a variety of infrastructures through a guided, hands-on activity.</p>
1767	AWS Security Essentials (SEC-ESS)	1	Foundation	Instructor Led	<p>This AWS Security Essentials (SEC-ESS) course covers fundamental AWS cloud security concepts, including AWS access control, data encryption methods, and how network access to your AWS infrastructure can be secured. We will address your security responsibilities in the AWS cloud and provide a brief introduction to the different security-oriented AWS services available.</p>
1688	AWS Technical Essentials (AWSE)	1	Intermediate	Instructor Led	<p>This AWS Technical Essentials (AWSE) course introduces AWS products, services, and common solutions with immersive exercises and hands-on activities. It helps learners who do not come from a technical background to gain proficiency in Amazon Web Services and empowers them to make informed decisions about IT solutions based on business requirements.</p>

Course #	Course Title	Duration (Days)	Level	Delivery Type	Course Description
1201	Certification of Cloud Security Knowledge (CCSK Plus) on AWS	3	Intermediate	Instructor Led	"The Certificate of Cloud Security Knowledge (CCSK) enables everyone, from information security experts and CEOs, to department managers and technical sales teams, the ability to utilise cloud services more securely and speak with confidence about cloud security concerns. The CCSK gives a broad overview of cloud security and allows you to gain critical insights into issues such as data security, key management and identity and access management."
1695	Data Warehousing on AWS (DWAWS)	3	Intermediate	Instructor Led	In this Data Warehousing on AWS (DWAWS) course, you will learn concepts, strategies, and best practices for designing a cloud-based data warehousing solution using Amazon Redshift, the petabyte-scale data warehouse in AWS. We will demonstrate how to collect, store, and prepare data for the data warehouse by using other AWS services, such as Amazon DynamoDB, Amazon EMR, Amazon Kinesis Firehose, and Amazon Simple Storage Service (Amazon S3). We will also explore how to use business intelligence (BI) tools to perform analysis on your data.
1692	Developing on AWS (AWSD)	3	Intermediate	Instructor Led	Developing on AWS (AWSD) helps developers understand how to use the AWS SDK to develop secure and scalable cloud applications. The course provides in-depth knowledge about how to interact with AWS using code and covers key concepts, best practices, and troubleshooting tips.
1693	DevOps Engineering on AWS (AWSDEVOPS)	3	Intermediate	Instructor Led	DevOps Engineering on AWS demonstrates how to use the most common DevOps patterns to develop, deploy and maintain applications on AWS. The course covers the core principles of the DevOps methodology and examines a number of use cases applicable to startup, small-medium business, and enterprise development scenarios.
1697	Migrating to AWS (AWSM)	3	Intermediate	Instructor Led	This Migrating to AWS (AWSM) course is for individuals who seek an understanding of how to plan and migrate existing workloads to the AWS Cloud. You will learn about various cloud migration strategies and how to apply each step of the migration process, including portfolio discovery, application migration planning and design, conducting a migration, and post-migration validation and application optimisation. Hands-on labs reinforce learning, and each lab is designed to provide you with the understanding and foundation necessary to complete migration tasks in your organisation.
1426	Planning and Designing Databases on AWS (PD-DB)	3	Intermediate	Instructor Led	In this Planning and Designing Databases on AWS (PD-DB) course, you will learn about the process of planning and designing both relational and nonrelational AWS databases. It will teach you how to use workload requirements to define database design considerations and also explore the features and capabilities of the eight AWS database services. By the end of the course, you will be able to determine which AWS database service is right for your workloads, and design the database to meet your requirements.
1696	Security Engineering on AWS (AWSSO)	3	Intermediate	Instructor Led	Security Operations on AWS demonstrates how to efficiently use AWS security services to stay secure and compliant in the AWS cloud. The Security Engineering on AWS (AWSSO) course focuses on the AWS-recommended security best practices that you can implement to enhance the security of your data and systems in the cloud. The course highlights the security features of AWS key services including compute, storage, networking, and database services. This course also refers to the common security control objectives and regulatory compliance standards and examines use cases for running regulated workloads on AWS across different verticals, globally. You will also learn how to leverage AWS services and tools for automation and continuous monitoring — taking your security operations to the next level.
1691	Systems Operations on AWS (AWSSYS)	3	Intermediate	Instructor Led	Systems Operations on AWS is designed to help new and existing AWS customers build and operate highly available, scalable, and reliable applications using the AWS Cloud. This course will teach you how to build processes by understanding key elements of application deployment, performance, and operations of AWS cloud resources.
Azure					
8736	Administer Active Directory Domain Services (AZ-1008)	1	Intermediate	Instructor Led	Learn the essential skills to create, deploy, and maintain an Active Directory Domain Services (AD DS) environment. This learning path is designed for administrators seeking to deepen their expertise in managing Active Directory, securing user access, and enforcing organizational policies.
8576	Administering Microsoft Azure SQL Solutions DP-300 Certification Training	4	Intermediate	Instructor Led	This Administering Microsoft Azure SQL Solutions (DP-300) certification course provides students with the knowledge and skills to administer a SQL Server database infrastructure for cloud, on-premises and hybrid relational databases and who work with the Microsoft PaaS relational database offerings. Additionally, it will be helpful to individuals who develop applications that deliver content from SQL-based relational databases.
8667	Administering Windows Server Hybrid Core Infrastructure (AZ-800)	4	Intermediate	Instructor Led	This Windows Server Hybrid Core Infrastructure course teaches IT Professionals how to manage core Windows Server workloads and services using on-premises, hybrid, and cloud technologies. The course teaches IT Professionals how to implement and manage on-premises and hybrid solutions such as identity, management, compute, networking, and storage in a Windows Server hybrid environment.
1816	Agile Software Development With Azure DevOps	3	Intermediate	Instructor Led	This Agile software development course teaches you to manage an entire software project using Azure DevOps Server. You learn how to document work using features, backlog items, tasks and bugs, maintain source code with TFVC and Git, as well as monitor progress with backlogs, Kanban boards and burn-downs. You also gain hands-on experience automating testing and deployment with continuous integration.

Course #	Course Title	Duration (Days)	Level	Delivery Type	Course Description
8659	Automating Administration with PowerShell Training (AZ-040)	5	Advanced	Instructor Led	"This PowerShell Training course provides students with the fundamental knowledge and skills to use PowerShell for administering and automating administration of Windows servers. This course provides students the skills to identify and build the command they require to perform a specific task. In addition, students learn how to build scripts to accomplish advanced tasks such as automating repetitive tasks and generating reports. This course provides prerequisite skills supporting a broad range of Microsoft products, including Windows Server, Windows Client, Microsoft Azure, and Microsoft 365. In keeping with that goal, this course will not focus on any one of those products, although Windows Server, which is the common platform for all of those products, will serve as the example of the techniques this course teaches."
1231	Azure Data Factory Training: Designing and Implementing Data Integration Solutions	3	Intermediate	Instructor Led	This Azure Data Factory Training covers all key aspects of the Azure Data Factory v2 platform. Special attention is paid to covering Azure services which are commonly used with ADF v2 solutions. These services are Azure Data Lake Storage Gen 2, Azure SQL Database, Azure Databricks, Azure Key Vault, Azure Functions, and a few others.
8694	Build a Natural Language Processing Solution with Azure AI Services (AI-3003)	1	Intermediate	Instructor Led	Build a Natural Language Processing Solution with Azure AI Services (AI-3003) is a dynamic one-day course tailored for software developers keen on integrating AI capabilities into their applications utilising Azure AI Services and Azure AI Language. Throughout the course, participants will utilise either C# or Python programming languages to harness the power of Azure AI Language.
8729	Build AI Apps with Azure Database for PostgreSQL (AI-3019)	1	Intermediate	Instructor Led	Discover how to integrate Azure AI and Azure Machine Learning Services with Azure Database for PostgreSQL - Flexible Server to create cutting-edge AI-powered applications. This course covers practical techniques for leveraging Azure AI extensions to build apps with generative AI capabilities, semantic search, summarization, sentiment analysis, translation, and more.
8695	Build an Azure AI Vision Solution with Azure AI Services (AI-3004)	1	Intermediate	Instructor Led	Build an Azure AI Vision solution with Azure AI Services (AI-3004) is an immersive one-day course designed for software developers seeking to integrate AI capabilities into their applications using Azure AI Services and Azure AI Language. Throughout the course, participants will utilise either C# or Python programming languages to harness the power of Azure AI Services.
1202	Certification of Cloud Security Knowledge (CCSK Plus) on Azure	3	Intermediate	Instructor Led	"The Certificate of Cloud Security Knowledge (CCSK) enables everyone, from information security experts and CEOs, to department managers and technical sales teams, the ability to utilise cloud services more securely and speak with confidence about cloud security concerns. The CCSK gives a broad overview of cloud security and allows you to gain critical insights into issues such as data security, key management and identity and access management."
8682	Configure Secure Access to your Workloads Using Azure Virtual Networking (AZ-1002)	1	Intermediate	Instructor Led	"This one-day course serves as a vital transition from fundamental to entry-level associate skills in the IT domain. Tailored for aspiring infrastructure and security administrators as well as architects, this programme offers hands-on training in configuring and securing network resources. Participants delve into practical exercises focused on creating and configuring virtual networks, network routing, DNS Zones, DNS Settings, network security groups, and Azure Firewall. Ideal for those seeking to advance their expertise, this course offers a pivotal skill set necessary for various IT roles."
8712	Configure SIEM Security Operations Using Microsoft Sentinel (SC-5001)	1	Intermediate	Instructor Led	Get started with Microsoft Sentinel security operations by configuring the Microsoft Sentinel workspace, connecting Microsoft services and Windows security events to Microsoft Sentinel, configuring Microsoft Sentinel analytics rules, and responding to threats with automated responses.
8660	Configuring and Operating Microsoft Azure Virtual Desktop Training (AZ-140)	4	Intermediate	Instructor Led	"This Azure Virtual Desktop Training course teaches Azure administrators how to plan, deliver, and manage virtual desktop experiences and remote apps, for any device, on Azure. Lessons include implementing and managing networking for Azure Virtual Desktop, configuring host pools and session hosts, creating session host images, implementing, and managing FSLogix, monitoring Azure Virtual Desktop performance and health, and automating Azure Virtual Desktop management tasks. Students will learn through a mix of demonstrations and hands-on lab experiences deploying virtual desktop experiences and apps on Azure Virtual Desktop and optimizing them to run in multi-session virtual environments. Candidates of this course must have solid Azure administration skills. This course assumes prior experience, including virtualisation, networking, identity, storage, backup and restore, and disaster recovery. Students should have knowledge of on-premises virtual desktop infrastructure technologies as they relate to migrating to Azure Virtual Desktop. Students are expected to have used the tools common to the Azure environment, such as the Azure PowerShell and Cloud Shell."
8693	Create Document Intelligence Solutions with Azure AI Document Intelligence ...	1	Intermediate	Instructor Led	"In this course, you will learn how to: Design tailored solutions for analysing business forms through Azure AI Document Intelligence. Develop solutions for analysing various types of common documents using Document Intelligence. Implement solutions for analysing diverse custom form types with Document Intelligence. Learn to amalgamate multiple Document Intelligence models into a composite model for enhanced functionality."
8735	Deploy and administer Linux virtual machines on Azure (AZ-1007)	1	Intermediate	Instructor Led	Prepare for the Applied Skill: Deploy and administer Linux virtual machines on Microsoft Azure by learning how to manage Linux VMs effectively. This learning path covers key aspects such as storage, monitoring, backup, access management, and automation using the Azure CLI.

Course #	Course Title	Duration (Days)	Level	Delivery Type	Course Description
8699	Deploy and Configure Azure Monitor (AZ-1004)	1	Intermediate	Instructor Led	Explore the power of Azure Monitor in this comprehensive learning path designed to elevate your monitoring skills for Azure environments. Dive deep into configuring and interpreting monitoring data for virtual machines, networking setups, and web applications. Gain hands-on experience in collecting, analysing, and leveraging monitoring telemetry to optimise performance and ensure the reliability of your Azure infrastructure. Whether you're a seasoned professional or just starting your journey, this course is your gateway to mastering Azure monitoring and taking your skills to the next level.
8702	Deploy Cloud-Native Apps Using Azure Container Apps (AZ-2003)	1	Intermediate	Instructor Led	Develop the skills necessary to configure a secure deployment solution for cloud-native apps. Learn how to build, deploy, scale, and manage containerised cloud-native apps using Azure Container Apps, Azure Container Registry, and Azure Pipelines.
8662	Design and Implement Azure Networking Solutions (AZ-700)	3	Intermediate	Instructor Led	This Azure Network Training teaches Network Engineers how to design, implement, and maintain Azure networking solutions. This course covers designing, implementing, and managing core Azure networking infrastructure, Hybrid Networking connections, load balancing traffic, network routing, private access to Azure services, network security, and monitoring. Learn how to design and implement a secure, reliable network infrastructure in Azure and how to establish hybrid connectivity, routing, private access to Azure services, and monitoring in Azure.
8532	Designing and Implementing a Data Science Solution on Azure (DP-100)	4	Intermediate	Instructor Led	Learn how to operate machine learning solutions at cloud scale using Azure Machine Learning. This Azure Data Science Certification course teaches you to leverage your existing knowledge of Python and machine learning to manage data ingestion and preparation, model training and deployment, and machine learning solution monitoring with Azure Machine Learning and MLflow.
8589	Designing and Implementing a Microsoft Azure AI Solution Training (AI-102)	4	Intermediate	Instructor Led	AI-102 Designing and Implementing an Azure AI Solution is intended for software developers wanting to build AI-infused applications that leverage Azure Cognitive Services, Azure Cognitive Search, and Microsoft Bot Framework. The Microsoft Azure AI Solution Training course will use C# or Python as the programming language.
8523	Designing and Implementing Microsoft DevOps Solutions Training (AZ-400)	4	Advanced	Instructor Led	This course provides the knowledge and skills to design and implement DevOps processes and practices. Students will learn how to plan for DevOps, use source control, scale Git for an enterprise, consolidate artefacts, design a dependency management strategy, manage secrets, implement continuous integration, implement a container build strategy, design a release strategy, set up a release management workflow, implement a deployment pattern, and optimise feedback mechanisms.
8664	Designing Microsoft Azure Infrastructure Solutions (AZ-305)	4	Advanced	Instructor Led	This Designing Microsoft Azure Infrastructure Solutions course teaches Azure Solution Architects how to design infrastructure solutions and prepares you with the knowledge you need for the AZ-305 certification exam. Course topics cover governance, computing, application architecture, storage, data integration, authentication, networks, business continuity, and migrations. The course combines lectures with case studies to demonstrate basic architect design principles.
8701	Develop an ASP.NET Core Web App that Consumes an API (AZ-2002)	1	Intermediate	Instructor Led	Learn how to gather information from API documentation and perform HTTP operations in an ASP.NET Core Razor Pages web app.
8687	Develop Dynamic Reports with Microsoft Power BI (DP-605)	1	Intermediate	Instructor Led	Take this 1-day Microsoft Power BI course, Develop dynamic reports with Microsoft Power BI (DP-605), and learn to harness the power of Power BI to transform and load data, define semantic model relationships and calculations, create interactive visuals, and distribute reports seamlessly.
8538	Developing Solutions for Microsoft Azure Training (AZ-204)	5	Intermediate	Instructor Led	"This AZ-204 course teaches developers how to create end-to-end solutions in Microsoft Azure. Students will learn how to implement Azure compute solutions, create Azure Functions, implement and manage web apps, develop solutions utilizing Azure storage, implement authentication and authorisation, and secure their solutions by using KeyVault and Managed identities. Students will also learn how to connect to and consume Azure services and third-party services, and include event- and message-based models in their solutions. The course also covers monitoring, troubleshooting, and optimizing Azure solutions."
8715	DevOps & GitHub Foundations (AZ-2008) Core Principles	1	Foundation	Instructor Led	Explore DevOps practices using GitHub. Your development and operations teams will experience improved collaboration, agility, continuous integration, continuous delivery, automation, and operational excellence throughout all phases of the application lifecycle.
8706	Getting Started with Cosmos DB NoSQL Development (DP-3015)	1	Intermediate	Instructor Led	This course introduces Azure Cosmos DB for NoSQL to developers who will focus on working with Microsoft Azure to design, implement, and monitor cloud-native applications that store and manage data. In this role, developers implement solutions that load data into an Azure Cosmos DB FOR NOSQL account, and then use the corresponding .NET SDK to perform both major and minor operations and transactions.
8730	Implement knowledge mining with Azure AI Search (AI-3022)	1	Intermediate	Instructor Led	Unlock insights from structured and unstructured data with Azure AI Search. Learn to extract, analyze, and search your data more effectively by integrating advanced AI capabilities into your applications.
8684	Implement security through a pipeline using Azure DevOps (AZ-2001)	1	Intermediate	Instructor Led	"This course acts as a pivotal step from foundational to intermediate IT skills, essential for roles in development, infrastructure, and security. Participants will gain hands-on experience in configuring and securing pipelines through Azure DevOps. Covering topics such as secure resource access, permissions validation, project structuring, pipeline extension, and secure variable usage, this course empowers learners to manage identities across projects, pipelines, and agents."

Course #	Course Title	Duration (Days)	Level	Delivery Type	Course Description
8685	Implementing a Data Analytics Solution with Azure Databricks (DP-3011)	1	Intermediate	Instructor Led	Unlock the potential of Azure Databricks with our intermediate-level course designed for data professionals, including Data Engineers and Data Scientists. Dive into the realm of Apache Spark and master the utilisation of powerful clusters on the Azure Databricks platform to tackle large-scale data engineering tasks in the cloud. Whether you're optimising data pipelines, building machine learning models, or analysing vast datasets, this course equips you with the skills and insights needed to excel in today's data-driven world.
8681	Implementing a Lakehouse with Microsoft Fabric (DP-601)	1	Intermediate	Instructor Led	"This course is designed to build your foundational skills in data engineering on Microsoft Fabric, focusing on the Lakehouse concept. This Microsoft Fabric (DP-601) Training course will explore the powerful capabilities of Apache Spark for distributed data processing and the essential techniques for efficient data management, versioning, and reliability by working with Delta Lake tables. This course will also explore data ingestion and orchestration using Dataflows Gen2 and Data Factory pipelines. This course includes a combination of lectures and hands-on exercises that will prepare you to work with Lakehouses in Microsoft Fabric."
8686	Machine learning with Azure Databricks (DP-3014)	1	Intermediate	Instructor Led	Embark on an enriching journey with this hands-on instructor-led Microsoft course, 'Machine Learning with Azure Databricks (DP-3014),' designed to empower you with cloud-scale capabilities for data analytics and machine learning. Within this immersive one-day experience, you'll delve into Azure Databricks, a versatile platform enabling data scientists and machine learning engineers to implement robust solutions at scale, revolutionizing the way data insights are extracted and utilized.
ABW879	Mastering Azure DevOps: End-to-End SDLC with Boards, Repos, Pipelines, Artifacts, and Test Plans	2	Intermediate	Instructor Led	This comprehensive 2-day hands-on training dives into the full Software Development Life Cycle (SDLC) using Azure DevOps. From planning and tracking work with Boards, to source control with Repos, continuous integration/delivery through Pipelines, package management with Artifacts, and test case management with Test Plans — this course is designed to equip software development teams with the skills to effectively collaborate and deliver software using Azure DevOps.
ABW880	Mastering Product Management with Azure DevOps: Boards & Test Plans for Agile Teams	1	Intermediate	Instructor Led	"This one-day intensive training is designed for Product Owners, Product Managers, Product Leads who want to optimize their product management processes using Azure DevOps. The course will provide hands-on guidance and practical strategies for using Azure Boards to manage backlogs, plan sprints, and track progress, and Azure Test Plans to ensure quality and traceability through integrated testing. Participants will learn how to align product goals with delivery efforts, enhance collaboration across teams, and improve visibility using Azure DevOps' rich set of tools. By the end of the course, attendees will have the confidence and skills to manage the full lifecycle of a product within Azure DevOps - from backlog refinement to test execution."
8542	Microsoft Azure Administrator Training (AZ-104)	4	Intermediate	Instructor Led	This Azure Administrator training course teaches IT (Information Technology) Professionals how to manage their Azure subscriptions, secure identities, administer the infrastructure, configure virtual networking, connect Azure and on-premises sites, manage network traffic, implement storage solutions, create, and scale virtual machines, implement web apps and containers, back up and share data, and monitor your solution.
8580	Microsoft Azure AI Fundamentals Training (AI-900)	1	Foundation	Instructor Led	Artificial Intelligence (AI) will define the next generation of software solutions and unlocks the potential to create amazing applications that improve life for everyone. This Microsoft Azure AI Fundamentals Training introduces AI and the Microsoft services students can use to create AI solutions.
8586	Microsoft Azure Data Fundamentals Training (DP-900)	1	Foundation	Instructor Led	In this Microsoft Azure Data Fundamentals course, students will gain foundational knowledge of core data concepts and related Microsoft Azure data services. Topics covered in this course are found on the Microsoft role-based DP-900 certification exam. Students will learn about core data concepts such as relational, non-relational, big data, and analytics and build their foundational knowledge of cloud data services within Microsoft Azure. Students will explore fundamental relational data concepts and relational database services in Azure. They will explore Azure storage for non-relational data and the fundamentals of Azure Cosmos DB. Students will learn about modern data warehousing, real-time analytics, and data visualisation.
8566	Microsoft Azure Fundamentals Training (AZ-900T00)	1	Foundation	Instructor Led	This Azure Fundamentals Training course is suitable for IT personnel who are just beginning to work with Azure. This audience wants to learn about our offerings and get hands-on experience with the product. This course primarily uses the Azure portal and command line interface to create resources and does not require scripting skills. Students in this course will gain confidence to take other role-based courses and certifications, such as Azure Administrator. This course combines lecture, demonstrations, and hands-on labs. This course will also help prepare someone for the AZ-900 exam.
8530	Microsoft Azure Security Certification Training (AZ-500)	4	Intermediate	Instructor Led	This Microsoft Azure Security Certification training course provides IT Security Professionals with the knowledge and skills needed to implement security controls, maintain an organisations security posture, and identify and remediate security vulnerabilities. This course includes security for identity and access, platform protection, data and applications, and security operations.
8692	Microsoft Fabric Analytics Engineer (DP-600)	4	Intermediate	Instructor Led	This Microsoft Fabric Analytics Engineer (DP-600) course covers methods and practices for implementing and managing enterprise-scale data analytics solutions using Microsoft Fabric. Students will build on existing analytics experience and will learn how to use Microsoft Fabric components, including lakehouses, data warehouses, notebooks, dataflows, data pipelines, and semantic models, to create and deploy analytics assets.

Course #	Course Title	Duration (Days)	Level	Delivery Type	Course Description
8700	Migrate and Modernize SAP in the Microsoft Cloud (AZ-1006)	1	Advanced	Instructor Led	This 1-day course teaches IT professionals who have experience with SAP solutions how to use Azure resources that include setting up and configuration of SAP environments in Azure for virtual machines, virtual networks, storage accounts, and Microsoft Entra ID. Learners will also explore backup, disaster recovery, and monitoring of SAP systems in Azure. Learn through the application of concepts, scenarios, and procedures through hands-on labs using Azure Center for SAP solutions.
8696	Migrate SQL Server workload to Azure SQL (DP-3001)	1	Intermediate	Instructor Led	Prepare for the seamless migration of SQL Server workloads to Azure SQL Database with this focused learning path. Explore assessment methodologies and compatibility checks using tools like the Azure SQL Migration Extension and Database Migration Assistant. Gain practical experience in provisioning and configuring Azure SQL Database resources while mastering migration strategies tailored to minimise downtime and optimise performance. Additionally, delve into essential post-migration tasks such as disaster recovery planning and database monitoring, ensuring a smooth transition and sustained operational excellence in the Azure environment.
8683	Secure storage for Azure Files and Azure Blob Storage (AZ-1003)	1	Intermediate	Instructor Led	Transition from basic skills to entry-level expertise across IT roles like infrastructure, security, and networking. Dive into hands-on practices for configuring and fortifying storage systems, including creating accounts, managing blob containers, file shares, and bolstering storage security. Ideal for those aiming to advance their IT capabilities.
8713	Securing Azure Services and Workloads with Microsoft Defender for Cloud (SC-5002)	1	Intermediate	Instructor Led	This course guides you in securing Azure services and workloads using Microsoft Cloud Security Benchmark controls in Microsoft Defender for Cloud via the Azure portal.
8757	Automate Azure Load Testing by using GitHub Actions (AZ-2006)	1	Intermediate	Instructor Led	Learn how to implement GitHub Actions and configure Azure Load Testing to automate testing app deployments.
8761	Implement Generative AI engineering with Azure Databricks (DP-3028)	1	Intermediate	Instructor Led	This course covers generative AI engineering on Azure Databricks, using Spark to explore, fine-tune, evaluate, and integrate advanced language models. It teaches how to implement techniques like retrieval-augmented generation (RAG) and multi-stage reasoning, as well as how to fine-tune large language models for specific tasks and evaluate their performance. Students will also learn about responsible AI practices for deploying AI solutions and how to manage models in production using LLMOps (Large Language Model Operations) on Azure Databricks.
Business Software					
8648	Advanced Visualization with Power BI Training	1	Advanced	Instructor Led	Become a reports and dashboards expert with this 1-day Power BI Advanced Visualisation course. In this Advanced Visualisation with Power BI Training, you will cover the Power BI report layouts and the agile process of creating Power BI data visualisations. In addition, learn about various design patterns within dashboards and reports and best practices for authoring great reports and dashboards!
3509	BCS Certificate in Modelling Business Processes Training	3	Intermediate	Instructor Led	"In this BCS Modelling Business Processes course, you learn to apply industry-standard business process modelling and analysis techniques and understand the framework for business process improvement within which these techniques may be applied. The investigation, modelling, analysis, and improvement of business processes are vital to understanding Requirements Engineering and Business Process Improvement (BPI). These techniques and practises reduce the development cost and potential re-work across the organisation to create high-quality products and add business value. In addition, this course prepares you to take the BCS Modelling Business Processes exam at the end of the course."
3510	BCS Certificate in Requirements Engineering Training	3	Intermediate	Instructor Led	"Improved requirements management means improved project delivery. Earning the BCS Certificate in Requirements Engineering shows you have the knowledge and expertise to deliver high-quality, mission-critical products and projects. This BCS Requirements Engineering course presents an end-to-end requirements engineering framework. From the business case to the delivery of well-documented and well-formed requirements, high-quality requirements are crucial to delivering quality products. In addition, this course prepares you to take the BCS Requirements Engineering exam at the end of the course."
1365	Introduction to DAX for Power BI	2	Intermediate	Instructor Led	"This Introduction to DAX for Power BI presents Data Analysis Expressions (DAX) in Power BI from an intermediate to an advanced level. The journey starts with an introductory discussion about DAX, the syntax of DAX statements, and how to write structured DAX in the DAX editor. You also get an introduction to DAX Studio, a third-party tool that can be used to write DAX. You can decide if you want to use DAX Studio for the course exercises. We will discuss many of the functions in DAX and how they could be used in a Power BI Project including explaining the use of iterator functions vs standard statistical functions. There are discussions explaining Calculated Columns, Tables, and Measures discussing the differences. There is also an explanation about Quick Measures and how we can utilize those. We will explain DAX Context and where those contexts apply. There are separate discussions for the CALCULATE function, the usage of a Data Model and incorporating a Date Dimension, and also using Time Intelligence Functions. We will conclude with a discussion around utilizing DAX with Row Level Security."

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1366	Introduction to Microsoft Fabric	2	Intermediate	Instructor Led	<p>"Unlock the power of your data with our 2-day Introduction to Microsoft Fabric course. Designed for professionals tasked with managing and analyzing data, this course provides a comprehensive introduction to Microsoft's all-in-one analytics and data platform, Microsoft Fabric.</p> <p>You'll learn how to address the complexities of data spread across multiple systems, streamline data operations, and build scalable pipelines for business intelligence and analytics. Through hands-on exercises and expert instruction, participants will explore key Microsoft Fabric workloads, including Data Factory, Data Science, and Real-Time Analysis, all while focusing on efficiency, performance, and compliance.</p> <p>Whether you're a Data Scientist, BI Analyst, or Cloud Architect, this course will equip you with the skills to transform your data operations and leverage Microsoft Fabric to drive faster, more agile decision-making. Join us to gain practical knowledge of this cutting-edge platform and elevate your data strategy to the next level."</p>
1360	Introduction to Power BI Training	3	Foundation	Instructor Led	<p>"This Introduction to Power BI Training will give you all the skills you need to jump-start your Power BI journey. It discusses in depth the industry-recognized steps from raw data to detailed analysis via five main stages:</p> <ul style="list-style-type: none"> • Loading data into Power BI from a wide range of data sources, such as CSV and XLS files • Transforming data using Data Analysis Expressions (DAX), M, and Power Query languages • Creating and extending a comprehensive data model with DAX • Visualizing data in Power BI desktop using built-in tools • Sharing and collaborating with the Power BI service or Power BI server"
2107	Microsoft SQL Server Training Course	4	Foundation	Instructor Led	<p>"In this intro to SQL Server course, you gain the introductory skills to maximise SQL Server's benefits. Learn how to use the various administrative and development tools within SQL Server, including the Microsoft BI stack of Integration Services, Analysis Services, and Reporting Services.</p> <p>SQL Server offers a platform for enterprise data management, robust development, and implementation of modern Business Intelligence solutions. Attend this hands-on course and learn to leverage these features."</p>
8574	Power BI Data Analyst Training Course (PL-300)	3	Intermediate	Instructor Led	<p>"This Power BI Data Analyst Training Course will discuss the various methods and best practices that align with business and technical requirements for modeling, visualizing, and analyzing data with Power BI. The course will also show how to access and process data from various sources, including relational and non-relational data. This course will also explore how to implement proper security standards and policies across the Power BI spectrum, including datasets and groups. Finally, the course will also discuss managing and deploying reports and dashboards for sharing and content distribution."</p>
8645	Power BI: Administrator in a Day Training	1	Advanced	Instructor Led	<p>"In this Power BI Administrator in a Day training course, you will learn how to manage the Microsoft Power BI platform within your organization, including how to:</p> <ul style="list-style-type: none"> • Configure access settings for different users • Monitor the usage of the platform • Manage your organization's Power BI license"
8649	Power BI: Dashboard Training (One-Day Course)	1	Foundation	Instructor Led	<p>In this one-day Power BI Dashboard Training workshop, you will learn how to navigate and use the Microsoft Power BI dashboard. In the last two hours of the workshop, you will learn how to build your own data reports and dashboards with the support of your instructor.</p>
1232	Power BI: Hands-On Reports and Dashboards Training	2	Intermediate	Instructor Led	<p>Experience Power BI Desktop and Power BI Service in action. Watch and perform exercises to connect to 7 million records from various sources, refine the data in Power Query and import the tables into Power BI. Organise and model your data to "slice and dice"; summary information. Implement insightful, dynamic data visualisations. Publish your report to Power BI Service. Add a workspace and an app to distribute your report and share it with others.</p>
134	SQL Server Integration Services (SSIS) Training for Business Intelligence	4	Intermediate	Instructor Led	<p>"In this SSIS training course, you gain the skills to improve business intelligence capabilities by automating complex migration tasks and auditing the success or failure of migration processes. In addition, you will learn to transform data among heterogeneous data sources — such as text files, Oracle, Access, XML, ODBC, and OLE DB — and effectively and securely manage data migration across various platforms.</p> <p>Additionally, in this SSIS training course, you'll gain the skills to migrate and transform data with SQL Server Integration Services. You learn to solve data management problems by creating dynamic packages for migrating, processing, and reporting on data for business intelligence. Specifically, you learn to deploy packages to an SSIS server, assemble tasks to perform complex data migrations, and enhance package functionality with scripting."</p>
1953	Agile with Atlassian JIRA Software Training	1	Intermediate	Instructor Led	<p>This Agile with Atlassian JIRA Software training course gets you to grips with project management within JIRA. The course will look at basic JIRA and agile concepts and cover the different out-of-the-box actions and functions available to JIRA Software users. The lab environment (an instance of JIRA Software) gives users a practical working area to engage with. This enables you to benefit from seeing JIRA Software in action with real-world settings and examples, translating the theory from the course into practical knowledge.</p>
1954	Atlassian JIRA Core Administration Training	1	Intermediate	Instructor Led	<p>This Atlassian JIRA Core Administration training course provides an understanding of the various ways that Atlassian JIRA can be tailored to meet specific custom project and process requirements. The lab environment (an instance of JIRA Software) provides a practical working area to engage with. This enables you to benefit from seeing JIRA Software in action with real-world settings and examples, translating the theory from the course into practical knowledge. This course is designed for new JIRA Application Administrators, those with the responsibility to define projects and configurations.</p>

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1951	Atlassian JIRA Core Basics Training	1	Foundation	Instructor Led	This Atlassian JIRA core training course provides an understanding of basic JIRA concepts including working with issues, searching and reporting. The lab environment (an instance of JIRA Core) provides a practical working area to engage with. You will experience JIRA in action within real-world settings and examples, translating the theory from the course into practical knowledge.
1952	Atlassian JIRA Service Desk Administration Training	1	Intermediate	Instructor Led	This Atlassian JIRA Service Desk Administration training course provides a deeper knowledge of the features and functionality of JIRA Service Desk and how it can be tailored to specific needs. The lab environment (an instance of JIRA Software) provides a practical working area to engage with. This enables you to benefit from seeing JIRA Software in action with real-world settings and examples, translating the theory from the course into practical knowledge. This course is ideal for new JIRA Application Administrators and those with the responsibility to define projects and configurations (not service desk leads).
1956	Atlassian JIRA Service Desk Basics Training	1	Foundation	Instructor Led	This Atlassian JIRA Service Desk Basics training course provides an understanding of the features and functionality of Service Desk for JIRA. The lab environment (an instance of JIRA with JIRA Service Desk) provides a practical working area to engage with. This enables you to benefit from seeing JIRA Service Desk in action within real world settings and examples, translating the theory from the course into practical knowledge. This course is ideal for those users who are new to JIRA Service Desk, or those with no previous experience with JIRA.
1950	Atlassian JIRA Software Administration Training	1	Intermediate	Instructor Led	This Atlassian JIRA Software Administration training course explores how Atlassian JIRA Software can be tailored to meet specific needs with an in-depth look at effective administration and configuration. The lab environment (an instance of JIRA Software) provides a practical working area to engage with. This enables you to benefit from seeing JIRA Software in action with real-world settings and examples, translating the theory from the course into practical knowledge. This course is ideal for new JIRA Application Administrators and those with the responsibility to define projects and configurations.
1697	Migrating to AWS (AWSM)	3	Intermediate	Instructor Led	This Migrating to AWS (AWSM) course is for individuals who seek an understanding of how to plan and migrate existing workloads to the AWS Cloud. You will learn about various cloud migration strategies and how to apply each step of the migration process, including portfolio discovery, application migration planning and design, conducting a migration, and post-migration validation and application optimisation. Hands-on labs reinforce learning, and each lab is designed to provide you with the understanding and foundation necessary to complete migration tasks in your organisation.
Cloud					
1213	Certified Cloud Security Professional (CCSP) Training and Certification	5	Intermediate	Instructor Led	<p>"The ISC2 Certified Cloud Security Professional CCSP Training Course is designed for security professionals seeking to enhance their knowledge of cloud security. The program covers various aspects of data security, cloud infrastructure security, and information security. Through this training, participants will learn how to secure data centers, cloud environments, and cloud-based data access. The focus will be on cloud security solutions and techniques for detecting and responding to security incidents.</p> <p>The training covers cloud computing technologies, including Microsoft Azure, as well as security practices related to physical infrastructure, cloud resource access control, and protection of sensitive data. Load balancers, security operations centers (SOCs), and cloud environment security will also be covered. Upon completion of the training, participants can attempt the CCSP exam, and earn the CCSP certification after passing the exam, which is a recognized industry standard for cloud security expertise.</p> <p>U.S. DoDM 8140.03 APPROVED BY DEPARTMENT OF DEFENSE"</p>
2042	Cloud Audit Certification Training (CCAK)	3	Intermediate	Instructor Led	<p>"In this course, you will learn the essential principles of auditing cloud computing systems to successfully obtain the Cloud Audit Certification (CCAK).</p> <p>The CCAK Certification training programme was developed by the Cloud Security Alliance, the global leader in cloud security best practices, in partnership with ISACA, an international professional association focused on IT audit, security, cybersecurity, risk, privacy, and governance."</p>
2048	CompTIA Cloud+ Certification Training	5	Foundation	Instructor Led	<p>"This comprehensive CompTIA Cloud+ course is designed to equip you with the skills needed to pass the CompTIA Cloud+ CV0-003 exam and earn your certification. With topics ranging from designing secure and compliant cloud infrastructures to analysing workload characteristics and troubleshooting connectivity issues, this training will prepare you to become a pro at managing workload migrations and ensuring cloud security.</p> <p>Plus, with both in-person and online training options available, you can learn in a way that fits your schedule. So don't miss your chance to become a cloud architect and take your IT career to the next level!</p> <p>U.S. DoDM 8140.03 APPROVED BY DEPARTMENT OF DEFENSE"</p>

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2819	Implementing Cisco Collaboration Cloud and Edge Solutions (CLCEI v1.0) Training	5	Intermediate	Instructor Led	<p>"The Implementing Cisco Collaboration Cloud and Edge Solutions (CLCEI) v1.0 course provides you with knowledge about Cisco® Expressway Series solutions enabling business-to-business (B2B) calls, Cisco Mobile, remote access, authentication options, and additional Cisco Expressway Series features. Through a combination of lessons and hands-on labs, you will learn how to leverage collaborative technology to access secure, collaborative work supports including video, voice, content, and remote workloads. This course also prepares you for the 300-820 Implementing Cisco Collaboration Cloud and Edge Solutions (CLCEI) exam.</p> <p>Before taking this course, you should have the following knowledge and skills:</p> <ul style="list-style-type: none"> • Understanding of networking technologies • Understanding voice and video • Knowledge of Cisco collaboration core technologies • Session Initiation Protocol (SIP) and Extensible Messaging and Presence Protocol (XMPP) signalling protocol fundamentals • Collaboration call control fundamentals of Cisco Unified Communications Manager <p>This course is designed for professionals in job roles such as:</p> <ul style="list-style-type: none"> • Collaboration engineers • Collaboration administrators <p>• Gain hands-on experience in using Cisco Expressway software for secure, remote access for phones, endpoints, smartphones, tablets, video, and other communication devices to support nontraditional workspaces.</p> <p>• Prepare for the 300-820 CLCEI exam.</p> <p>This course is part of the following Certifications: CCNP Collaboration"</p>
1200	Introduction to Cloud Computing Training	2	Foundation	Instructor Led	<p>"In this cloud computing training, you will evaluate and assess the business and technical benefits of cloud computing. Additionally, you will gain the foundational knowledge to analyse cloud applications for use in your organisation and learn how cloud computing can supply efficient solutions to technical, business, and administrative challenges.</p> <p>This introduction to cloud computing course includes 12 hours of ILT (Instructor-Led Training) or VILT (Virtual Instructor-Led Training) presented by a real-world cloud computing expert instructor."</p>
8756	Designing and Implementing Platform Engineering (AZ-2010)	1	Advanced	Instructor Led	<p>This course provides a comprehensive guide to designing and implementing platform engineering within modern enterprises. It covers the foundational principles, strategic alignment with business goals, and the practical aspects of building scalable, secure, and future-proof platforms. By attending this course, learners will gain the knowledge and skills needed to enhance developer productivity, ensure operational excellence, and drive continuous innovation.</p>
Data Analysis & Visualisation					
1290	Introduction to Data Analytics	3	Foundation	Instructor Led	<p>This Data Analytics Introduction provides a clear understanding of data analytics's purpose, tools, and techniques. In addition, it will help attendees to plan the data and digital strategy for their organisations.</p>
ABW889	Introduction to Data Analysis	4	Foundation	Instructor Led	<p>In this course we will examine what data is. Also which different classes of data there are (private vs public, structured vs unstructured). We examine the data roles in an organisation. We discover data management (DAMA-DMBOK intro) on the second day. The third day will focus on AI/ML and data analysis. On the fourth day we discuss how to present data and insight using data visualization concepts and psychology of visualization. During the training we will perform exercises in Python and your favorite visualization tool.</p>
1291	Introduction to Data Literacy	2	Foundation	Instructor Led	<p>Data literacy is the ability to read, use, understand, and communicate data as information. At the organisational level, it is the extent to which the organisation, and its members, comprehends and communicates data to drive value. A data-literate workforce will be able to understand, share common knowledge of, and have meaningful conversations about data. After taking this data literacy course, you'll be able to understand, use, read, and interpret enterprise data consistently and derive trusted insights. Your skills will be manifested in the execution of your role in the organisation.</p>
ABW890	Introduction to Data Quality	2	Foundation	Instructor Led	<p>In this course we will discuss why data and thus data quality is extremely relevant for many organisations. We will examine the different types of qualities and examine these with examples. We will also relate this to the DAMA-DMBOK model in data management.</p>
ABW891	Introduction to Data Science	2	Foundation	Instructor Led	<p>In this course we will define data science. We will examine the origins, the usefulness for organisations and some basic forms of data science (linear regression and KNN). The language of the course is Python (no pre-existing knowledge needed).</p>
ABW892	Introduction to Data Modelling	2	Foundation	Instructor Led	<p>In this course we examine what data modeling is, why we model data and what some of the basic ways of data modeling are. We investigate one way of building a model from scratch. To practice this we will reverse engineer the data model behind an app of a package delivery service (PostNL). We will also examine tools, approaches and quality dimensions of models.</p>
ABW893	Data management and Data Governance	2	Foundation	Instructor Led	<p>In this course we examine what data management is, what DAMA and DMBOK is and how it applies to Data management and governance. We will examine all 11 areas in DMBOK in some more detail.</p>

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1257	Advanced Tableau Training	3	Advanced	Instructor Led	This Advanced Tableau course will build on what you learned in the introduction course 1256, {course:1256}, and enhance your knowledge up to the level of a Tableau Qualified Associate.
ABW900	Advanced Excel	2	Advanced	Instructor Led	This course is designed to equip participants with advanced Excel skills, focusing on data structuring, transformation, and analysis. Attendees will explore powerful Excel features such as Tables, Pivot Tables, Power Query, and Power Pivot to manage and analyze complex datasets efficiently. By the end of the course, participants will be able to build dynamic reports and perform sophisticated data modeling, significantly enhancing their decision-making capabilities.
4740	Building Effective Reports and Dashboards with Tableau	1	Intermediate	Instructor Led	Become a reports and dashboards expert with this 1-day Tableau course. In "Building Effective Reports and Dashboards with Tableau," you will cover Tableau report layouts and the agile process of creating Tableau data visualizations. In addition, you will learn about various design patterns within dashboards and reports, as well as best practices for authoring great reports and dashboards!
1274	Data Visualization with Python Training	3	Intermediate	Instructor Led	In this Data Visualisation with Python Training course, you'll learn how to use Python's data visualisation libraries, including NumPy, Pandas, Matplotlib, and Seaborn to better understand data analytics.
1290	Introduction to Data Analytics	3	Foundation	Instructor Led	As data evolves for organisations, employees must understand the value of the data they hold. This Data Analytics Introduction provides a clear understanding of data analytics's purpose, tools, and techniques. In addition, it will help attendees to plan the data and digital strategy for their organisations.
8739	Microsoft Fabric Data Engineer (DP-700)	4	Intermediate	Instructor Led	This comprehensive 4-day course equips data professionals with the skills to design and implement data engineering solutions using Microsoft Fabric. Participants will learn to develop effective data loading patterns, architect robust data solutions, and orchestrate data processes efficiently. Key areas of focus include data ingestion, transformation, security, management, and monitoring within the Microsoft Fabric environment.
134	SQL Server Integration Services (SSIS) Training for Business Intelligence	4	Intermediate	Instructor Led	"In this SSIS training course, you gain the skills to improve business intelligence capabilities by automating complex migration tasks and auditing the success or failure of migration processes. In addition, you will learn to transform data among heterogeneous data sources — such as text files, Oracle, Access, XML, ODBC, and OLE DB — and effectively and securely manage data migration across various platforms. Additionally, in this SSIS training course, you'll gain the skills to migrate and transform data with SQL Server Integration Services. You learn to solve data management problems by creating dynamic packages for migrating, processing, and reporting on data for business intelligence. Specifically, you learn to deploy packages to an SSIS server, assemble tasks to perform complex data migrations, and enhance package functionality with scripting."
1256	Tableau Visual Analytics Training	3	Foundation	Instructor Led	In this Tableau Visual Analytics course, you will learn to empower your organisation by utilising self-service BI platforms to work with data analytics and gain access to critical business information.
4579	Business Storytelling: Engaging Audiences with Data Insights	4 hours	Intermediate	Instructor Led	"Business Storytelling is a succinct four-hour live workshop that is specifically tailored to harness the power of data-driven narratives. Along with a companion 1.5-hour on-demand module, this live workshop presents a structured storytelling framework, customised for corporate environments, that allows participants to learn and practice using the storytelling framework. It delves into leveraging datasets to construct persuasive narratives, understanding diverse learning styles for effective communication, and presents a practical business storytelling example. The training aims to empower participants to transform raw data into captivating stories efficiently, augmenting their ability to craft engaging narratives within tight timelines while aligning with corporate objectives. The course provides learners with an in-depth understanding of what business storytelling is, why business storytelling is important, and a framework for how to tell an engaging business story."
Data Science & Big Data					
8745	Accelerate App Development by Using GitHub Copilot (AZ-2007)	1	Intermediate	Instructor Led	Learn how to accelerate app development by using GitHub Copilot and GitHub Copilot Chat in a Visual Studio Code environment.
1266	Apache Kafka: Hands-On Training	2	Foundation	Instructor Led	"This Apache Kafka course provides hands-on experience with Apache Kafka both from the command line and through programmatic access using Java. Attendees will get a full appreciation of the publish/subscribe idiom for asynchronous communication: the course producers and consumers and reliable data delivery. Attendees will get a full appreciation of how to build data pipelines and how they can process streaming data. Kafka is an event streaming platform. Businesses and organisations often must capture data in real time from event sources like databases, sensors, mobile devices, cloud services, social media, and software applications in the form of streams of events. They need to store these event streams durably for later retrieval. They must also manipulate, process, and react to the event streams in real time and retrospectively. The event streams must be made available to different destination technologies as needed. Kafka's event streaming implementation ensures a continuous flow and interpretation of data so that the correct information is at the right place and time."

Course #	Course Title	Duration (Days)	Level	Delivery Type	Course Description
1263	Beginner Data Science with Python and Jupyter	1	Foundation	Instructor Led	<p>"Attend this Applied Data Science with Python and Jupyter training course and learn about some of the most commonly used libraries that are part of the Anaconda distribution and then explore machine learning models with real datasets. You will also learn about creating reproducible data processing pipelines, visualisations, and prediction models, all with the goal of giving you the skills and exposure you'll need for the real world. Data Science is one of the fastest growing professions across all industries. Open source tools like Python have become increasingly popular, and when paired with Jupyter Notebooks, can provide a variety of data-science applications. Attend this one-day hands-on course and learn to leverage all that these powerful tools have to offer.</p> <ul style="list-style-type: none"> • Knowledge of programming fundamentals and some experience with Python, including Python libraries, Pandas, Matplotlib, and scikit-learn."
1250	Components of a Big Data and AI Solution Introduction	3	Foundation	Instructor Led	<p>"Unlock the true potential of your business with our cutting-edge Components of a Data and AI Solution course! This hands-on introduction takes you on a transformative journey from raw data to invaluable insights, leveraging the power of data and AI. Gain a competitive edge by understanding what tools can do and how to extract real business value from their output. Our comprehensive training integrates an overarching view of the data-to-insights process with focused data science expertise, empowering you to store, manage, process, and analyse massive volumes of structured and unstructured data. Plus, decision-makers benefit significantly from exposure to available options and establishing a common vocabulary with technical practitioners. Maximise your potential with our Components of a Data and AI Solution training today!"</p>
2043	CompTIA Data+ Certification Training	5	Foundation	Instructor Led	<p>"Unlock the power of data-driven decision-making with the CompTIA Data+ Certification Training! As the importance of data analytics continues to grow, more job roles are being created to set a context and better communicate vital business intelligence. This comprehensive course will teach you the skills required to facilitate data-driven business decisions, including mining, manipulating, visualizing, and reporting data. Learn to apply basic statistical methods and analyze complex datasets while adhering to governance and quality standards throughout the entire data life cycle. The course also covers data integration and collection methods, data governance tools, and how to express business requirements in a report format. Upon completing the course, you will receive a CompTIA Data+ Exam Voucher and the opportunity to work with an instructor for after-course one-on-one coaching. If you're a data analyst, reporting analyst, business intelligence analyst, clinical analyst, marketing analyst, operations analyst, or simply someone interested in data analytics, this course is for you!"</p>
2044	CompTIA DataSys+ Certification Training	5	Intermediate	Instructor Led	<p>"The CompTIA DataSys+ certification validates the core knowledge and skills required for IT professionals working with data systems and infrastructure. This CompTIA DataSys+ Certification Training provides comprehensive training covering all exam objectives to help you prepare for the DataSys+ certification exam. In this training, you will gain a vendor-neutral understanding of key concepts and practices across the data flow. Through expert instruction and hands-on labs, you will learn how to work with data acquisition, processing, storage, security, analysis, and more."</p>
1274	Data Visualization with Python Training	3	Intermediate	Instructor Led	<p>In this Data Visualisation with Python Training course, you'll learn how to use Python's data visualisation libraries, including NumPy, Pandas, Matplotlib, and Seaborn, to better understand data analytics.</p>
8532	Designing and Implementing a Data Science Solution on Azure (DP-100)	4	Intermediate	Instructor Led	<p>Learn how to operate machine learning solutions at cloud scale using Azure Machine Learning. This Azure Data Science Certification course teaches you to leverage your existing knowledge of Python and machine learning to manage data ingestion and preparation, model training and deployment, and machine learning solution monitoring with Azure Machine Learning and MLflow.</p>
8589	Designing and Implementing a Microsoft Azure AI Solution Training (AI-102)	4	Intermediate	Instructor Led	<p>AI-102 Designing and Implementing an Azure AI Solution is intended for software developers wanting to build AI-infused applications that leverage Azure Cognitive Services, Azure Cognitive Search, and Microsoft Bot Framework. The Microsoft Azure AI Solution Training course will use C# or Python as the programming language.</p>
8750	Draft, Analyze, and Present with Microsoft 365 Copilot (MS-4018)	1	Foundation	Instructor Led	#N/A
8703	Implement a Data Warehouse with Microsoft Fabric (DP-602)	1	Foundation	Instructor Led	<p>Explore the data warehousing process within Microsoft Fabric in this comprehensive 1-day course. You'll learn to load, monitor, and query a data warehouse efficiently, leveraging Microsoft Fabric's robust features.</p>
8684	Implement security through a pipeline using Azure DevOps (AZ-2001)	1	Intermediate	Instructor Led	<p>"This course acts as a pivotal step from foundational to intermediate IT skills, essential for roles in development, infrastructure, and security. Participants will gain hands-on experience in configuring and securing pipelines through Azure DevOps. Covering topics such as secure resource access, permissions validation, project structuring, pipeline extension, and secure variable usage, this course empowers learners to manage identities across projects, pipelines, and agents."</p>
8685	Implementing a Data Analytics Solution with Azure Databricks (DP-3011)	1	Intermediate	Instructor Led	<p>Unlock the potential of Azure Databricks with our intermediate-level course designed for data professionals, including Data Engineers and Data Scientists. Dive into the realm of Apache Spark and master the utilisation of powerful clusters on the Azure Databricks platform to tackle large-scale data engineering tasks in the cloud. Whether you're optimising data pipelines, building machine learning models, or analysing vast datasets, this course equips you with the skills and insights needed to excel in today's data-driven world.</p>

Course #	Course Title	Duration (Days)	Level	Delivery Type	Course Description
8688	Implementing a Data Analytics Solution with Azure Synapse Analytics (DP-3012)	1	Intermediate	Instructor Led	This single-day instructor-led course, Implementing a Data Analytics Solution with Azure Synapse Analytics (DP-3012), offers comprehensive instruction on SQL dedicated and serverless Spark pools, focusing on data wrangling and the ELT process using Synapse Pipelines. Comparable to Azure Data Factory (ADF), learners gain hands-on experience moving data into Synapse dedicated pool databases.
8681	Implementing a Lakehouse with Microsoft Fabric (DP-601)	1	Intermediate	Instructor Led	"This course is designed to build your foundational skills in data engineering on Microsoft Fabric, focusing on the Lakehouse concept. This Microsoft Fabric (DP-601) Training course will explore the powerful capabilities of Apache Spark for distributed data processing and the essential techniques for efficient data management, versioning, and reliability by working with Delta Lake tables. This course will also explore data ingestion and orchestration using Dataflows Gen2 and Data Factory pipelines. This course includes a combination of lectures and hands-on exercises that will prepare you to work with Lakehouses in Microsoft Fabric."
1264	Introduction to AI, Data Science & Machine Learning with Python	5	Foundation	Instructor Led	"Data science is a field that has exploded in popularity in recent years, and for good reason. Companies across industries are increasingly relying on data to inform their decision-making, and skilled data scientists are in high demand. In this comprehensive course, you'll learn the foundational skills and techniques you need to succeed in this exciting field. You'll start by exploring the role of a data scientist and the lifecycle of data science efforts within an organisation. Then, you'll dive into the technical skills you need, such as using Python and its relevant libraries for data analysis and visualisation, preprocessing unstructured data, and building AI/ML models. You'll also explore key machine learning algorithms, including linear regression, decision tree classifiers, and clustering algorithms. And, you'll learn how to apply these techniques to real-world problems, such as predicting customer churn and building recommendation engines. Throughout the data science training, you'll have the opportunity to work on hands-on exercises and projects, allowing you to practice your skills and build your portfolio. By the end of the course, you'll have a deep understanding of the data science process, the tools and techniques used by data scientists, and the ability to apply these skills to real-world problems."
1292	Introduction to Data Governance and Assessing Data Maturity	3	Intermediate	Instructor Led	This Data Governance and Maturity Training helps you understand Data Governance and assess your Data Maturity. It uses the IEC/ISO 38505 governance of data standards, written for organisations that want to develop and implement a data strategy. For example, this strategy may be part of a plan to deliver new services or products to their customers.
1291	Introduction to Data Literacy Training	2	Foundation	Instructor Led	"Data literacy is the ability to read, use, understand, and communicate data as information. At the organisational level, it is the extent to which the organisation, and its members, comprehends and communicates data to drive value. A data-literate workforce will be able to understand, share common knowledge of, and have meaningful conversations about data. After taking this data literacy course, you'll be able to understand, use, read, and interpret enterprise data consistently and derive trusted insights. Your skills will be manifested in the execution of your role in the organisation."
4741	Mastering Jupyter Notebooks	1	Foundation	Instructor Led	"Jupyter Notebooks is a powerful, open-source tool that allows you to write, execute, and document code in an interactive environment. It is perfect for data science, analysis, machine learning, and research. Whether you're a developer, analyst, student, or educator, mastering Jupyter will transform your workflow. In this hands-on course, you'll learn how to set up, navigate, and optimize Jupyter for efficient coding and data exploration. You'll work with Python, pandas, matplotlib, and seaborn to analyze and visualize data, use magic commands for efficiency, and explore advanced features like automation with papermill and interactive widgets. Plus, you'll discover how to share and deploy notebooks using GitHub and Google Colab. With practical exercises and best practices, this course ensures you master notebook organization, performance optimization, and collaboration."
8580	Microsoft Azure AI Fundamentals Training (AI-900)	1	Foundation	Instructor Led	Artificial Intelligence (AI) will define the next generation of software solutions and unlocks the potential to create amazing applications that improve life for everyone. This Microsoft Azure AI Fundamentals Training introduces AI and the Microsoft services students can use to create AI solutions.
8586	Microsoft Azure Data Fundamentals Training (DP-900)	1	Foundation	Instructor Led	In this Microsoft Azure Data Fundamentals course, students will gain foundational knowledge of core data concepts and related Microsoft Azure data services. Topics covered in this course are found on the Microsoft role-based DP-900 certification exam. Students will learn about core data concepts such as relational, non-relational, big data, and analytics and build their foundational knowledge of cloud data services within Microsoft Azure. Students will explore fundamental relational data concepts and relational database services in Azure. They will explore Azure storage for non-relational data and the fundamentals of Azure Cosmos DB. Students will learn about modern data warehousing, real-time analytics, and data visualisation.
8692	Microsoft Fabric Analytics Engineer (DP-600)	4	Intermediate	Instructor Led	This Microsoft Fabric Analytics Engineer (DP-600) course covers methods and practices for implementing and managing enterprise-scale data analytics solutions using Microsoft Fabric. Students will build on existing analytics experience and will learn how to use Microsoft Fabric components, including lakehouses, data warehouses, notebooks, dataflows, data pipelines, and semantic models, to create and deploy analytics assets.

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1273	Python Data Wrangling Training	3	Intermediate	Instructor Led	"In this Python Data Wrangling course, you will learn how to use Python to extract/transform data from various sources, including large database vaults and Excel financial tables. You will also explore insights into why you should avoid traditional data cleaning methods, as done in other languages, and take advantage of the specialised functions from NumPy and Pandas."
8683	Secure storage for Azure Files and Azure Blob Storage (AZ-1003)	1	Intermediate	Instructor Led	Transition from basic skills to entry-level expertise across IT roles like infrastructure, security, and networking. Dive into hands-on practices for configuring and fortifying storage systems, including creating accounts, managing blob containers, file shares, and bolstering storage security. Ideal for those aiming to advance their IT capabilities.
1269	Time Series Analysis Using R	1	Foundation	Instructor Led	"A time series is simply a series of data points arranged chronologically. Time series appear in many contexts. <ul style="list-style-type: none">• Finance (e.g. stock prices)• Marketing (e.g. new customers, sales)• Health (e.g. infections, deaths)• Science (e.g. earthquakes)• ...and many, many more"
Databases					
8576	Administering Microsoft Azure SQL Solutions DP-300 Certification Training	4	Intermediate	Instructor Led	This Administering Microsoft Azure SQL Solutions (DP-300) certification course provides students with the knowledge and skills to administer a SQL Server database infrastructure for cloud, on-premises and hybrid relational databases and who work with the Microsoft PaaS relational database offerings. Additionally, it will be helpful to individuals who develop applications that deliver content from SQL-based relational databases.
8729	Build AI Apps with Azure Database for PostgreSQL (AI-3019)	1	Intermediate	Instructor Led	Discover how to integrate Azure AI and Azure Machine Learning Services with Azure Database for PostgreSQL - Flexible Server to create cutting-edge AI-powered applications. This course covers practical techniques for leveraging Azure AI extensions to build apps with generative AI capabilities, semantic search, summarization, sentiment analysis, translation, and more.
1261	Building Enterprise Solutions with MongoDB Training	4	Intermediate	Instructor Led	"As table-based databases struggle to cope with an ever-growing variety of data, this MongoDB training course will show you how its document-oriented nature will allow you to quickly build highly scalable applications. You will gain the skills to develop, administer, secure, and scale MongoDB-based applications, and acquire low-cost, data-driven applications with MongoDB as the back-end database. <ul style="list-style-type: none">• Knowledge of databases and SQL• Java programming"
2043	CompTIA Data+ Certification Training	5	Foundation	Instructor Led	"Unlock the power of data-driven decision-making with the CompTIA Data+ Certification Training! As the importance of data analytics continues to grow, more job roles are being created to set a context and better communicate vital business intelligence. This comprehensive course will teach you the skills required to facilitate data-driven business decisions, including mining, manipulating, visualizing, and reporting data. Learn to apply basic statistical methods and analyze complex datasets while adhering to governance and quality standards throughout the entire data life cycle. The course also covers data integration and collection methods, data governance tools, and how to express business requirements in a report format. Upon completing the course, you will receive a CompTIA Data+ Exam Voucher and the opportunity to work with an instructor for after-course one-on-one coaching. If you're a data analyst, reporting analyst, business intelligence analyst, clinical analyst, marketing analyst, operations analyst, or simply someone interested in data analytics, this course is for you!"
2044	CompTIA DataSys+ Certification Training	5	Intermediate	Instructor Led	"The CompTIA DataSys+ certification validates the core knowledge and skills required for IT professionals working with data systems and infrastructure. This CompTIA DataSys+ Certification Training provides comprehensive training covering all exam objectives to help you prepare for the DataSys+ certification exam. In this training, you will gain a vendor-neutral understanding of key concepts and practices across the data flow. Through expert instruction and hands-on labs, you will learn how to work with data acquisition, processing, storage, security, analysis, and more."
8734	Configure and migrate to Azure Database for PostgreSQL (DP-3021)	1	Intermediate	Instructor Led	Azure Database for PostgreSQL is a robust Platform as a Service (PaaS) offering from Microsoft, built on the open-source PostgreSQL database. This course equips you to explore PostgreSQL architecture, configure and secure your database, optimize performance, and migrate data effectively to Azure Database for PostgreSQL Flexible Server. Learn essential skills like query tuning, concurrency management, and leveraging PostgreSQL's built-in features to enhance your database management experience.
8740	Develop data-driven applications by using Azure SQL Database (DP-3020)	1	Intermediate	Instructor Led	This hands-on course teaches developers and solution architects how to build, deploy, and secure data-driven applications using Azure SQL Database. Learn how to create and configure databases, automate deployment with CI/CD pipelines, and develop APIs using Azure services. Gain practical experience in data manipulation, security best practices, and integrating external data sources to enhance your application's performance and resilience.
234	Developing SQL Queries for Oracle Databases	4	Advanced	Instructor Led	This Oracle SQL Queries training course will help you increase productivity and maximise the potential of SQL to formulate intricate queries for Oracle databases. Learn to solve business problems easily, efficiently, and elegantly with only a few lines of SQL code, and gain the practical skills to choose the best query method — ensuring accuracy and avoiding common errors or pitfalls.

Course #	Course Title	Duration (Days)	Level	Delivery Type	Course Description
1294	Graph Databases for Data Analytics and AI	3	Intermediate	Instructor Led	<p>"In this Graph Databases for Data Analytics and AI Training course, you will learn how databases for graph data can support data analytics and artificial intelligence in ways not practical with traditional relational databases. You will see practical and profitable use cases and understand the importance of graph data in today's world. You will master the practical aspects of importing and exporting data for graph databases, and how graph databases are searched and queried.</p> <p>Graph databases are also ideal for the representation of human knowledge, not just simple facts. You will understand how knowledgebase graphs integrate with artificial intelligence systems and learn to use these systems to provide business analyses and insights."</p>
493	Oracle PL/SQL Training	5	Intermediate	Instructor Led	<p>This Oracle® PL/SQL training course will teach you to increase the productivity, performance, scalability, portability, and security of your Oracle database. With this training, you will learn how to execute PL/SQL programmes in Oracle, build stored procedures, design and execute modular applications, and increase the efficiency of data movement —; essential skills for any Oracle developer.</p>
2112	PostgreSQL Administration: Hands-On Training	3	Intermediate	Instructor Led	<p>Unlock the full potential of PostgreSQL with this comprehensive three-day, instructor-led course. Designed for database administrators and IT professionals, this hands-on training equips you with the skills to install, configure, manage, and optimize PostgreSQL databases across multi-platform environments. Learn to implement robust backup and recovery strategies, enhance performance and scalability, and ensure efficient routine maintenance. Whether you're transitioning to PostgreSQL or expanding your expertise, this course provides the practical knowledge needed to thrive in today's database landscape.</p>
8597	Querying Data with Microsoft Transact-SQL Training (DP-080)	2	Foundation	Instructor Led	<p>"This course will teach the basics of Microsoft's dialect of the standard SQL language: Transact-SQL. Topics include both querying and modifying data in relational databases that are hosted in Microsoft SQL Server-based database systems, including: Microsoft SQL Server, Azure SQL Database and, Azure Synapse Analytics. This course can be valuable for anyone who needs to write basic SQL or Transact-SQL queries. This includes anyone working with data as a data analyst, a data engineer, a data scientist, a database administrator or a database developer. It can also be useful for others peripherally involved with data, or wanting to learn more about working with data such as solution architects, students and technology managers."</p>
140	SQL Server Reporting Services	4	Intermediate	Instructor Led	<p>Gain an in-depth skillset to leverage on-premises SQL Server Reporting Services (SSRS) for extracting business intelligence from enterprise data. Attain the knowledge and skills to produce compelling reports with enhanced visualization features. This training course enables you to go beyond the limitations of legacy reporting to deliver and share information with others —; when you want and how you want.</p>
1278	Leveraging Deep Learning for Natural Language Processing Course	3	Intermediate	Instructor Led	<p>In this Natural Language Processing course, you will learn how to navigate the various text pre-processing techniques and select the best neural network architecture for Natural Language Processing.</p>
1287	Mastering Data Stewardship: Hands-On	3	Foundation	Instructor Led	<p>"Unlock the power of data with our intensive 3-day Data Steward course. Designed for data professionals, this hands-on program covers essential topics such as Data Management, Data Governance, Data Analytics, Data Modelling, and Modern Data Architecture.</p> <p>Gain practical experience through real-world exercises and learn to leverage industry standards, best practices, and cutting-edge technologies. This course will equip you with the skills and knowledge necessary to effectively manage and govern your organization's data assets."</p>
DevOps					
3697	AIOps Foundation (AIOF) Certification	2	Intermediate	Instructor Led	<p>"This AIOps Foundation course aims to cover the origins of AIOps including the history behind the term, patterns that preceded it and the technology context in which it has evolved. Learners will gain an understanding of the processes of combining big data analytics, machine learning algorithms, automation, and optimisation into a single platform.</p> <p>This course introduces key principles and foundational concepts along with the core technologies of AIOps: big data and machine learning. The course will provide students with an understanding of how and why digital transformation, together with the evolution of machine learning, have brought about the rise of AIOps as an indispensable tool in today's IT Operational landscape.</p> <p>Core technologies of machine learning and big data will be discussed, as well as the basic concepts of artificial intelligence, different types of machine learning models that can be implemented, and the relationship between AIOps and MLOps, DevOps and Site Reliability.</p> <p>This foundation course will also provide the student with a solid understanding of the benefits of implementing AIOps in the organisation, including common challenges and key steps in ensuring valuable and successful integration of artificial intelligence in the day-to-day operations of information technology solutions.</p> <p>Unique and exciting exercises will be used to apply the concepts covered in the course and sample documents, templates, tools, and techniques will be provided to use after the class.</p> <p>This course positions learners to successfully complete the AIOps Foundation certification exam."</p>

Course #	Course Title	Duration (Days)	Level	Delivery Type	Course Description
3689	Continuous Testing Foundation (CTF) Certification Training	2	Intermediate	Instructor Led	<p>"A DevOps test engineer is an individual accountable for testing software in a DevOps environment. Continuous Testing Foundation® (CTF) Certification Training is unique in the testing training and certification market as it is the first course that addresses testing in a DevOps environment. This includes the active use of test automation, testing earlier in the development cycle, and instilling testing skills in developers, quality assurance, security, and operational teams. CTF is relevant for any modern IT (Information Technology) professional involved in defining or deploying a DevOps testing strategy for their organisation.</p> <p>""Testing engineering is the backbone of DevOps and the primary key for successful DevOps pipelines. Anyone serious about DevOps will benefit from the comprehensive understanding of DevOps Test Engineering provided by this course.""" - Marc Hornbeek, Course Author."</p>
8523	Designing and Implementing Microsoft DevOps Solutions Training (AZ-400)	4	Advanced	Instructor Led	<p>This course provides the knowledge and skills to design and implement DevOps processes and practices. Students will learn how to plan for DevOps, use source control, scale Git for an enterprise, consolidate artefacts, design a dependency management strategy, manage secrets, implement continuous integration, implement a container build strategy, design a release strategy, set up a release management workflow, implement a deployment pattern, and optimise feedback mechanisms.</p>
3685	DevOps Foundation (DOFD) Certification Training	2	Foundation	Instructor Led	<p>"This DevOps Foundation® (DOFD) Certification training introduces DevOps, the cultural and professional movement that stresses communication, collaboration, integration, and automation to improve the flow of work between software developers and IT (Information Technology) operations professionals. Improved workflows will result in an improved ability to design, develop, deploy, and operate software and services faster. Likewise, improving the ability of IT to produce software faster improves the ability of the business to deliver value to customers faster.</p> <p>The course includes an extensive collection of basic DevOps terms and concepts and highlights all aspects of DevOps (people, processes, and technology). In addition, it addresses the organisational change aspects of adopting a DevOps culture. Finally, the training reinforces learning through practical hands-on assignments."</p>
3686	DevOps Leader (DOL) Certification Training	2	Intermediate	Instructor Led	<p>"The DevOps Leader course is a unique and practical experience for participants who want to take a transformational leadership approach and make an impact within their organisation by implementing DevOps. Leading people through a DevOps evolution requires new skills, tools, innovative thinking, and transformational leadership. Leaders up, down and across an organisation must align and collaborate to break down silos and evolve the organisation.</p> <p>The course highlights the human dynamics of cultural change and equips participants with practices, methods, and tools to engage people across the DevOps spectrum through the use of real-life scenarios and case studies. Upon completion of the course, participants will have tangible takeaways to leverage when back in the office such as understanding Value Stream Mapping.</p> <p>The course was developed by leveraging key DevOps leadership sources to extract real-life best practices in leading DevOps initiatives and has been designed to teach the key differences and emerging practices for DevOps ways of working through leadership in a fast-paced DevOps and Agile environment.</p> <p>This certification positions learners to successfully complete the DevOps Leader exam."</p>
ABW882	Developer Experience (DevEx): The Hidden Driver of Business Performance	1	Intermediate	Instructor Led	<p>"In today's competitive digital landscape, the efficiency and satisfaction of your software development teams directly impact your company's ability to innovate, scale, and retain talent. Yet, many organizations overlook one of the most critical factors influencing this: Developer Experience (DevEx).</p> <p>This executive-level session demystifies DevEx, explaining why it's not just a developer concern but a strategic business priority. We'll explore how improving tooling, processes, workflows, and team culture can dramatically boost productivity, reduce time-to-market, and enhance developer retention. This training is designed to build awareness, align leadership perspectives, and lay the foundation for organizational initiatives that empower your developers — and your business."</p>
3659	Introduction to Docker Training	2	Foundation	Instructor Led	<p>"Learn Docker in this interactive, hands-on Docker tutorial online course! You'll be able to follow the Docker learning path, the workloads for which it is best suited, and how to migrate existing applications into containers. This Docker overview covers core container concepts and how to deploy and orchestrate containers. A focus of the course is the container role in modern DevOps, including using Docker with configuration management and continuous integration tools. In addition, emphasis is placed on best practices for Docker files and container deployment for high availability, robust and secure software.</p> <p>This hands-on course is designed for anyone wanting to learn how to manage and deploy applications using containers and the Docker platform."</p>
3658	Introduction to Kubernetes Training	2	Foundation	Instructor Led	<p>"Kubernetes (k8s) is an open-source system for automating deployment, scaling, and containerization of applications. Kubernetes provides a cloud-agnostic container orchestration system and is supported by most major cloud providers.</p> <p>In this 2-day hands-on Kubernetes course, you will learn to deploy containerized applications on Kubernetes, and scale those applications to handle dynamic traffic. You also learn how to continuously deploy new application versions in a Kubernetes cluster to provide application updates with no downtime. This course ends with a section on Kubernetes security and the Kubernetes ecosystem of tools including Helm and Rancher.</p> <p>This hands-on course is designed for anyone wanting to learn how to deploy containerized workloads on Kubernetes."</p>

Course #	Course Title	Duration (Days)	Level	Delivery Type	Course Description
1644	Red Hat Enterprise Linux Automation with Ansible (RH294)	5	Intermediate	Instructor Led	<p>"Red Hat Enterprise Linux Automation with Ansible(RH294) is designed for Linux® system administrators and developers who need to automate provisioning, configuration, application deployment, and orchestration. You will learn how to install and configure Ansible® on a management workstation; prepare managed hosts for automation; write Ansible Playbooks to automate tasks; and run playbooks to ensure servers are correctly deployed and configured.</p> <p>This course is based on Red Hat® Enterprise Linux 8 and Red Hat® Ansible Engine 2.8."</p>
1809	SAFe DevOps (SDP Certification) Training	2	Foundation	Instructor Led	<p>"To compete in a disruptive global market, every organization needs to deliver valuable technological solutions at the speed of business. This requires a shared DevOps mindset among all the people needed to define, build, test, deploy, and release software-driven systems—not just the engineers operating a CI/CD pipeline.</p> <p>This two-day, interactive SAFe DevOps course helps people across technical, non-technical, and leadership roles work together to optimize their value stream from end to end. Attendees will learn what DevOps is, why it is important to every role, and design a continuous delivery pipeline that is tailored to their business. Attendees work in cross-functional teams to map their current state value stream from concept to cash, identify major bottlenecks to flow, and build an actionable implementation plan that will accelerate the benefits of DevOps in their organization.</p> <p>This course is based on version 6.1 of SAFe."</p>
3695	SecDevOps Foundation (SDOF) Certification Training	3	Intermediate	Instructor Led	<p>"This SecDevOps Foundation® (SDOF) Certification Training course will help you prepare for and successfully attain the SecDevOps Foundation Certification. In this course, you will learn the following:</p> <ul style="list-style-type: none"> • Benefits, concepts, and vocabulary of SecDevOps and DevSecOps • How SecDevOps and DevSecOps evolved from Agile • Differences between DevOps practices and other cybersecurity approaches"
3694	Site Reliability Engineering Foundation (SREF) Certification Training	2	Foundation	Instructor Led	<p>"The Site Reliability Engineering Foundation® (SREF) Certification Training introduces the principles and practices that enable an organisation to scale critical services reliably and economically. Introducing a site-reliability dimension requires organisational re-alignment, a new focus on engineering & automation, and adopting a range of new working paradigms.</p> <p>The course highlights the evolution of SRE and its future direction. It equips participants with the practices, methods, and tools to engage people across the organisation involved in reliability and stability evidenced using real-life scenarios and case stories. Upon completion of the course, participants will have tangible takeaways to leverage when back in the office, such as understanding, setting, and tracking Service Level Objectives (SLOs)."</p>
8762	GitHub Fundamentals - Administration Basics and Product Features (GH-100T00)	1	Foundation	Instructor Led	<p>In this course, you'll learn the basics of GitHub and gain a better understanding of its fundamental features with a hands-on exercise all within a GitHub repository. You'll learn best practices for building, hosting, and maintaining a secure repository on GitHub.</p>
8763	Automate your workflow with GitHub Actions (GH-200)	1	Foundation	Instructor Led	<p>Learn how GitHub Actions enables you to automate your software development cycle. You'll learn how to plan automation of your software development life cycle with GitHub Actions workflows, use GitHub Actions to automatically build an application, and use GitHub Script to interact with the GitHub API.</p>
8764	GitHub Advanced Security (GH-500)	1	Foundation	Instructor Led	<p>GitHub Advanced Security (GHAS) plays a crucial role in enhancing the security posture of software development projects on GitHub. It provides a comprehensive set of tools and features designed to identify and address security vulnerabilities throughout the development lifecycle. By integrating security directly into the development process with GHAS, your team can build more secure and reliable software. The course will explore how to utilize GHAS to maximize security impact and understand GHAS and its role in the security ecosystem.</p>
Dynamics 365					
4612	Automating Excel with Macros Training	1	Intermediate	Instructor Led	<p>"Enhance your existing knowledge of Excel with the power of macros. In this Excel Macro training course, you will learn how to create a macro in Excel, then modify and enhance it to automate repetitive Excel-related tasks. You also learn how to troubleshoot code errors in existing macros, log data changes into multiple tables, implement code from the web, and design simple user interfaces to vastly improve your productivity.</p> <ul style="list-style-type: none"> • Knowledge of Excel at the level of: • Course 1361, Microsoft Excel Introduction • Experience at the level of: • Course 195, Power Excel: Analysing Data to Make Business Decision • This course is applicable to all versions of Excel, from Excel 97 to Excel 2016"
4618	Collaborating in MS Teams: A Hands-On Approach	1	Foundation	Instructor Led	<p>"This course will empower any user to maximize their understanding and usage of Microsoft Teams. From basic user tips to more advanced features, there are always features you hadn't realized were there that can save you time, make you more productive, or are just fun and cool. Users will deep dive into the Teams design, functionality, tips & tricks and use cases. Users will be able to transform their Teams from a basic communication platform to a comprehensive collaboration environment.</p> <p>This course is beneficial for any organization that is utilizing Microsoft Teams."</p>

Course #	Course Title	Duration (Days)	Level	Delivery Type	Course Description
8663	Dynamics 365 Business Central Training (MB-800)	4	Intermediate	Instructor Led	<p>"This Dynamics 365 Business Central training will help you successfully direct this change. Built and optimised for small and medium businesses, Dynamics 365 Business Central is an application for companies that have outgrown their entry-level business applications. For example, growing businesses often outgrow their basic accounting software or legacy enterprise resource planning (ERP) systems that cannot handle increased inventory and transactions, lack integration with other line-of-business systems, and have reporting limitations. Businesses are also challenged with the logistics of providing services that have more scalability, increased mobility, and availability in the cloud.</p> <p>With Business Central, you can manage your financials, automate, and secure your supply chain, sell smarter, improve customer service, project performance, and optimise your operations."</p>
195	Power Excel®: Analyzing Data to Make Business Decisions	2	Intermediate	Instructor Led	<p>"This hands-on Excel data analysis training course will expand your ability to analyse large amounts of data and professionally present your results. Gain the knowledge and skills to build more sophisticated spreadsheets, perform What-If analyses, apply functions, manipulate PivotTables, and use the advanced features of Excel to make and present better business decisions.</p> <p>In this excel data analysis course, you use advanced Excel techniques to build sophisticated spreadsheets. You learn to perform "What-If" analyses, leverage features and apply functions, manipulate PivotTables to analyse large amounts of data, and present your results to make better business decisions for planning and budgeting. You also learn how to automate processes and enhance worksheet models."</p>
209	Introduction to VBA Programming Training	4	Intermediate	Instructor Led	<p>"In this hands-on Introduction to VBA Programming training course, you gain a detailed understanding of how programming in Visual Basic for Applications (VBA) can increase productivity. With this VBA training, you learn how to automate repetitive tasks, build fully functional user interfaces, leverage tools for developing custom-built Microsoft Office solutions, and supercharge your productivity and the productivity of others.</p> <ul style="list-style-type: none"> • Familiarity with Microsoft Office applications • This course is applicable to all versions of Office, from 2007 to 2016"
8567	Managing Microsoft Teams Training (MS-700)	4	Foundation	Instructor Led	<p>"The Managing Microsoft Teams Training course is designed for persons who are aspiring to the Microsoft 365 Teams Admin role. A Microsoft Teams administrator plans, deploys, configures, and manages Microsoft Teams to focus on efficient and effective collaboration and communication in a Microsoft 365 environment.</p> <p>In this course, you will learn about various Teams management tools, security and compliance features for Teams, network requirements for Teams deployment, and different Teams settings and policies for managing collaboration and communication experience in Teams."</p>
978	Microsoft 365: Key Tools for Personal Productivity and Collaboration	4	Foundation	Instructor Led	<p>"This Microsoft Office 365 productivity training course focuses on the collaborative benefits of Microsoft Office 365 &ndash; a cloud-based service providing access to desktop applications, mobile apps, and browser-based versions of Microsoft Outlook, Office, SharePoint, OneDrive, and Teams &ndash; available anywhere you have an internet connection.</p> <p>Learn how to easily connect and carry out real-time document editing, file sharing, and video conferencing with remote employees from anywhere, using your browser, your phone, or your computer."</p>
1361	Microsoft Excel Training Course	3	Foundation	Instructor Led	<p>Introduction to Microsoft Excel training empowers participants with key skills to create and edit worksheets, implement formulas and functions, and sort and filter detailed data with tables and slicers. Visualise the numbers in a consumable and professional format analysing data with charting, conditional formatting, sparklines, and pivot tables.</p>
Infrastructure					
1633	(CIFSAD) ONTAP SMB Administration Training	2	Foundation	Instructor Led	<p>This course extends the CIFS information that is found in the ONTAP Cluster Administration course. This course reviews SMB and explores in more detail SMB 3.x and the features of ONTAP 9 software that support the SMB protocol. The exercises are accomplished using ONTAP 9 software.</p>
1638	(DATAPROT9) NetApp Data Protection Administration Training	2	Intermediate	Instructor Led	<p>Become proficient with Data ONTAP Snapshot®, SnapRestore®, SnapMirror®, SnapVault®, Open Systems SnapVault, and NDMP technologies used to replicate and restore mission-critical data in the enterprise. Backup and restore operations are taught using the NetApp storage system command line and OnCommand System Manager. The course also provides an overview of the Data ONTAP 8.3 MetroCluster solution.</p>
1634	(NFSAD) ONTAP NFS Administration Training	1	Foundation	Instructor Led	<p>Cluster Administration course. This course reviews NFS and explores in more detail different NFS versions and the features of ONTAP 9 software that support the NFS protocol. The exercises are accomplished using ONTAP 9 software.</p>
1636	(SANIMP) Data ONTAP SAN Implementation Training	3	Foundation	Instructor Led	<p>In this workshop course, you learn how to connect Windows® and Linux® hosts via Fibre Channel (FC) and iSCSI protocols to NetApp® SANs.</p>

Course #	Course Title	Duration (Days)	Level	Delivery Type	Course Description
2817	Implementing and Operating Cisco Security Core Technologies (SCOR) Training	5	Intermediate	Instructor Led	<p>"The Implementing and Operating Cisco Security Core Technologies (SCOR) v1.0 course helps you prepare for the Cisco® CCNP® Security and CCIE® Security certifications and for senior-level security roles. In this SCOR training, you will master the skills and technologies you need to implement core Cisco security solutions to provide advanced threat protection against cybersecurity attacks.</p> <p>You will learn security for networks, cloud and content, endpoint protection, secure network access, visibility, and enforcements. You will get extensive hands-on experience deploying Cisco Firepower® Next-Generation Firewall and Cisco Adaptive Security Appliance (ASA) Firewall; configuring access control policies, mail policies, and 802.1X Authentication; and more. You will get introductory practice on Cisco Stealthwatch® Enterprise and Cisco Stealthwatch Cloud threat detection features.</p> <p>This course, including the self-paced material, prepares you for the exam, Implementing and Operating Cisco Security Core Technologies (350-701 SCOR), which leads to the CCNP Security, CCIE Security, and the Cisco Certified Specialist - Security Core certifications. This course also earns you 64 Continuing Education (CE) credits towards recertification."</p>

Java

517	Developing Modern Enterprise Java Applications Using Spring Training	3	Intermediate	Instructor Led	<p>Increase productivity, accelerate development, and quickly build enterprise Java applications with this Spring training course. Learn how to simplify development and reduce code complexity with Spring and its ecosystem of tools and libraries. You'll gain the skills to implement high-performance applications while reducing development time and applying robust transaction-handling policies through intensive hands-on exercises. This course will cover Spring Boot, simplifying database access and transactions, building Java web services, and deploying Java applications in containers using Docker.</p>
471	Java Programming Introduction	4	Foundation	Instructor Led	<p>Gain extensive hands-on experience writing, compiling, and executing Java programs. This Introduction to Java Programming Training will teach you how to build robust applications that use Java's object-oriented features. Learn why Java is known for reliability, maintainability, and ease of development, and how to leverage these key features.</p>
516	Java Best Practices and Design Patterns Training	4	Intermediate	Instructor Led	<p>"Attend this Java Best Practices and Design Patterns training course and learn to solve real-world software development problems. This course is designed for you to learn about programming in Java code. This course provides a comprehensive overview of programming in Java code, with a focus on design patterns and good practices for software development. Topics include the creation and implementation of design patterns, such as adapter patterns, as well as the principles of computer programming and computer science.</p> <p>The course aims to teach students how to apply design patterns effectively in their own projects, with an emphasis on single-instance programming languages. By the end of the course, students will have a solid understanding of Java programming and will be equipped with the skills necessary to apply design patterns to real-world software development challenges. This is a valuable opportunity to expand your understanding of computer programming and computer science."</p>

Linux & Unix

2045	CompTIA Linux+ Certification Training	5	Foundation	Instructor Led	<p>"In this CompTIA Linux+ Training course, you'll learn the ins and outs of Linux administration, from managing user accounts to troubleshooting and securing the system. Get hands-on experience with the Linux operating system and prepare to take the CompTIA Linux+ certification exam with confidence.</p> <p>This Linux+ training course builds on existing foundational level Linux knowledge and provides you with next-level Linux administration knowledge to further your installation, troubleshooting, and maintenance skills. Whether you're an IT pro or just looking to expand your skill set, this course is the perfect next step in your career."</p>
143	Introduction to Linux Training	4	Foundation	Instructor Led	<p>"Attend this Introduction to Linux training course and bring greater efficiency to your IT infrastructure by learning to employ the standardised and finely tuned processes of the Linux operating system in your enterprise environment. In this course, you gain the foundational knowledge and skills to administer and support your Linux OS, and learn to control permissions, process data, and use shell scripts to perform administrative tasks.</p> <ul style="list-style-type: none"> Basic computer knowledge and familiarity operating a computer system This course uses Red Hat Enterprise Linux Concepts taught are applicable to all Linux distributions"
144	Linux Administration and Support Training	4	Intermediate	Instructor Led	<p>"Leverage the flexibility and scalability of your Linux OS to meet your organization's critical and ongoing IT needs. In this Linux Administration and Support training course, you learn to build, manage, and fine tune your Linux, Red Hat, CentOS, Debian, or SUSELinux distribution, as well as manage the day-to-day responsibilities of your role as a Linux administrator. Learn to control and troubleshoot the boot process, attach local storage and create file systems and deliver file, print and network services for both UNIX and Windows clients.</p> <ul style="list-style-type: none"> Practical skills in the Linux Operating system at the level of: Course 143, Linux Introduction, or Course 428, UNIX Introduction Must be comfortable with Linux command line, including vi text editor and standard file manipulation utilities This course uses Red Hat Enterprise Linux Concepts taught are applicable to all Linux distributions"

Course #	Course Title	Duration (Days)	Level	Delivery Type	Course Description
396	Linux and UNIX Tools and Utilities Training	4	Advanced	Instructor Led	To realize the full processing power of your UNIX/Linux system, you need to choose the right tools and use them in the right combination. In this training course, you learn how to leverage the many tools and utilities in the UNIX operating system to upgrade your UNIX/Linux administration skills, maximize productivity, and streamline tasks by adding shell commands, filters, and languages — like awk.
1644	Red Hat Enterprise Linux Automation with Ansible (RH294)	5	Intermediate	Instructor Led	"Red Hat Enterprise Linux Automation with Ansible(RH294) is designed for Linux® system administrators and developers who need to automate provisioning, configuration, application deployment, and orchestration. You will learn how to install and configure Ansible® on a management workstation; prepare managed hosts for automation; write Ansible Playbooks to automate tasks; and run playbooks to ensure servers are correctly deployed and configured. This course is based on Red Hat® Enterprise Linux 8 and Red Hat® Ansible Engine 2.8."
1639	Red Hat System Administration I (RH124) Training	5	Intermediate	Instructor Led	"Red Hat System Administration I (RH124) is designed for IT professionals without previous Linux® system administration experience. The course provides students with Linux administration ""survival skills"" by focusing on core administration tasks. This curriculum also provides a foundation for students planning to become full-time Linux system administrators by introducing key command-line concepts and enterprise-level tools. This course is based on Red Hat® Enterprise Linux 8."
1640	Red Hat System Administration II (RH134)	5	Intermediate	Instructor Led	"Red Hat System Administration II (RH134) is designed as the second part of the Red Hat® Certified System Administrator (RHCSA®) training track for IT professionals who have taken Red Hat System Administration I (RH124). The course goes deeper into core Linux® system administration skills, including storage configuration, security feature management, task control, and installation and deployment of Red Hat® Enterprise Linux. This course is based on Red Hat Enterprise Linux 8."
1642	RHCSA Rapid Track Course (RH199)	5	Intermediate	Instructor Led	"The RHCSA Rapid Track course (RH199) is designed for students who already have significant experience with Linux® administration. This course combines Red Hat System Administration I (RH124) and Red Hat System Administration II (RH134), reviewing the tasks at an accelerated pace. This course is based on Red Hat Enterprise Linux 9."
Microsoft 365					
4612	Automating Excel with Macros Training	1	Intermediate	Instructor Led	<p>"Enhance your existing knowledge of Excel with the power of macros. In this Excel Macro training course, you will learn how to create a macro in Excel, then modify and enhance it to automate repetitive Excel-related tasks. You also learn how to troubleshoot code errors in existing macros, log data changes into multiple tables, implement code from the web, and design simple user interfaces to vastly improve your productivity.</p> <ul style="list-style-type: none"> • Knowledge of Excel at the level of: • Course 1361, Microsoft Excel Introduction • Experience at the level of: • Course 195, Power Excel: Analysing Data to Make Business Decision • This course is applicable to all versions of Excel, from Excel 97 to Excel 2016"
4618	Collaborating in MS Teams: A Hands-On Approach	1	Foundation	Instructor Led	"This course will empower any user to maximize their understanding and usage of Microsoft Teams. From basic user tips to more advanced features, there are always features you hadn't realized were there that can save you time, make you more productive, or are just fun and cool. Users will deep dive into the Teams design, functionality, tips & tricks and use cases. Users will be able to transform their Teams from a basic communication platform to a comprehensive collaboration environment. This course is beneficial for any organization that is utilizing Microsoft Teams."
8679	Collaboration Communications Systems Engineer Training (MS-721)	4	Intermediate	Instructor Led	<p>"This Collaboration Communications Systems Engineer Training is designed to give participants the knowledge and skills to take the MS-721 exam and become a Collaboration Communications Systems Engineer. Participants should understand the fundamentals of networking, telecommunications, audio/visual and meeting room technologies, identity and access management, and Microsoft Teams.</p> <p>They will gain hands-on experience configuring and deploying Microsoft Teams Phone, meetings and certified devices including Microsoft Teams Rooms and Surface Hub. The course will also cover how to manage and monitor Teams Phone, meetings, and certified devices using the Microsoft Teams admin centre, PowerShell, the Microsoft Teams Rooms Pro Portal, and the Call Quality Dashboard.</p> <p>In addition, the course will cover configuring and deploying Microsoft Teams Phone with PSTN connectivity through Microsoft Calling Plans, Operator Connect, Teams Phone Mobile, and Direct Routing."</p>
8758	Configure and govern entitlement with Microsoft Entra ID (SC-5008)	1	Intermediate	Instructor Led	This course equips administrators and identity professionals with the knowledge and skills to configure and govern entitlements using Microsoft Entra ID. You'll learn to manage access through entitlements, conduct access reviews, use privileged access tools, and monitor access events. The course is designed for those with a foundational understanding of Azure administration, focusing on practical, hands-on approaches to ensure secure and efficient identity governance.
8717	Copilot for Microsoft 365 User Enablement Specialist (MS-4007)	1	Foundation	Instructor Led	In this course, you'll learn the knowledge and skills to drive the enablement of Microsoft Copilot for Microsoft 365. You'll explore effective strategies, including the Copilot for Microsoft 365 user enablement framework. Any successful technological transformation in an organisation requires a holistic approach, including employee engagement, strong leadership, clear goals, and collaborative learning.

Course #	Course Title	Duration (Days)	Level	Delivery Type	Course Description
ABW885	Digital collaboration -Tips and tricks for your daily work	1	Foundation	Instructor Led	This practical, one-day course helps you work smarter with digital tools, whether you're collaborating in real time or across time zones. Learn simple, effective tips to improve communication, manage shared documents, streamline meetings, and reduce email overload. The session focuses on everyday habits that boost team efficiency, reduce friction, and make digital collaboration feel less chaotic. Whether you're hybrid, remote, or office-based, this course will help you take control of your digital workspace and get more done with less stress.
8689	Empower Your Workforce with Copilot for Microsoft 365 Use Cases (MS-4004)	1	Foundation	Instructor Led	"Explore the power of Copilot for Microsoft 365 in this dynamic 1-day Microsoft course. The first part covers essential Copilot functionalities across various Microsoft 365 apps, offering insights into best practices, effective prompt creation, and extending capabilities with plugins and Graph connectors. The heart of the course lies in the second part, where participants engage in hands-on exercises across seven key Use Cases - Executives, Sales, Marketing, Finance, IT, HR, and Operations. Through practical scenarios in Microsoft 365 apps like Word, PowerPoint, and Outlook, students tackle common business tasks related to each Use Case. Join us to unleash the potential of Copilot and empower your workforce."
8725	Enhance Endpoint Security with Microsoft Intune and Microsoft Copilot for Security (MD-4011)	1	Foundation	Instructor Led	This course provides an in-depth understanding of how to enhance endpoint security using Microsoft Intune and Microsoft Copilot for Security. You'll learn the fundamentals of Microsoft Intune, advanced threat detection, and response with Microsoft Copilot for Security, and how to optimize the integration between these two powerful tools. The course is designed for security professionals, IT administrators, and security operations analysts who want to strengthen their organization's security posture.
209	Introduction to VBA Programming Training	4	Intermediate	Instructor Led	"In this hands-on Introduction to VBA Programming training course, you gain a detailed understanding of how programming in Visual Basic for Applications (VBA) can increase productivity. With this VBA training, you learn how to automate repetitive tasks, build fully functional user interfaces, leverage tools for developing custom-built Microsoft Office solutions, and supercharge your productivity and the productivity of others.
8678	Microsoft 365 Administrator Essentials (MS-102)	5	Intermediate	Instructor Led	"This MS-102 Administrator Essentials Training course covers the following key elements of Microsoft 365 administration: Microsoft 365 tenant management, Microsoft 365 identity synchronisation, and Microsoft 365 security and compliance. In Microsoft 365 tenant management, you learn how to configure your Microsoft 365 tenant, including your organisational profile, tenant subscription options, component services, user accounts and licenses, security groups, and administrative roles. You then transition to configuring Microsoft 365, primarily focusing on configuring Office client connectivity. Finally, you explore how to manage user-driven client installations of Microsoft 365 Apps for enterprise deployments. The course then transitions to an in-depth examination of Microsoft 365 identity synchronisation, focusing on Microsoft Entra and Connect Cloud Sync. You learn how to plan for and implement each of these directory synchronisation options, manage synchronised identities, and implement password management in Microsoft 365 using multifactor authentication and self-service password management. In Microsoft 365 security management, you examine the common threat vectors and data breaches facing organisations today. You then learn how Microsoft 365's security solutions address each threat. You are introduced to the Microsoft Secure Score, as well as to Microsoft Entra Identity Protection. You then learn to manage the Microsoft 365 security services, including Exchange Online Protection, Safe Attachments, and Safe Links. Finally, you are introduced to the various reports that monitor an organisation's security health. You then transition from security services to threat intelligence; specifically, using Microsoft 365 Defender, Microsoft Defender for Cloud Apps, and Microsoft Defender for Endpoint. Once you understand Microsoft 365's security suite, you examine the critical components of Microsoft 365 compliance management. This begins with an overview of all critical aspects of data governance, including data archiving and retention, Microsoft Purview message encryption, and data loss prevention (DLP). You then delve deeper into archiving and retention, paying particular attention to Microsoft Purview insider risk management, information barriers, and DLP policies. You then examine implementing these compliance features using data classification and sensitivity labels."
1358	Microsoft Intune Administration: Hands-on	3	Intermediate	Instructor Led	In this Microsoft Intune Administration training course, you will learn how to setup and configure Microsoft Intune to manage all your cloud and on-premise devices and endpoints from one centralized administrative portal. The course is a three-day instructor-led training program designed for IT administrators who want to learn how to implement comprehensive cloud-based configuration, deployment, management, and security of desktops, laptops, tablets, mobile phones, and other devices and operating systems within an organization. This course covers all core aspects of Microsoft Intune administration, including device management, application management, security, and compliance.
3702	Microsoft Project Training Introduction	3	Foundation	Instructor Led	"In this foundation-level Microsoft Project Training course, you will learn how to use Microsoft Project for project management, including: <ul style="list-style-type: none"> • Creating project plans • Tracking progress • Allocating resources to tasks • Creating project reports"

Course #	Course Title	Duration (Days)	Level	Delivery Type	Course Description
8537	Microsoft 365 Fundamentals (MS-900)	1	Foundation	Instructor Led	<p>"Discover the Power of Microsoft 365: Your Guide to Cloud Productivity and Security</p> <p>Embark on a journey to understand Microsoft 365, an integrated cloud platform designed to boost productivity, enhance collaboration, and provide world-class security. This course is your starting point for mastering the fundamentals of cloud services and exploring the benefits of the Software as a Service (SaaS) model, with a focus on Microsoft 365 solutions."</p>
8599	Microsoft Dynamics 365 ERP Training (MB-920)	1	Foundation	Instructor Led	<p>Do you want to learn more about Dynamics 365? This course will provide you with a broad introduction to the finance and operations capabilities of Dynamics 365. You will become familiar with the concept of enterprise resource management (ERP) and learn about the core capabilities of the finance and operations apps. Then we will discuss each of the apps individually, focusing on Dynamics 365 Finance and Dynamics 365 Supply Chain Management. This course will include lecture and hands-on-labs.</p>
8718	Microsoft Purview Essentials: Securing Data in Microsoft 365 (SC-5003)	1	Intermediate	Instructor Led	<p>Gain the skills to use Microsoft Purview to improve your data security in Microsoft 365. In this training, you learn how to create sensitive information types, create sensitivity labels, and use auto-labeling policies based on these labels. You also learn how to set up DLP (Data Loss Prevention) policies to safeguard your organisation's data.</p>
Microsoft Copilot					
8724	Build connectors and plugins for Microsoft Copilot for Microsoft 365 (MS-4010)	1	Foundation	Instructor Led	<p>This course provides a comprehensive introduction to extending Microsoft Copilot for Microsoft 365. You will explore how to build connectors and plugins that enhance Copilot's functionality, whether you are a pro-code or low/no-code developer. From understanding the fundamentals of Copilot extensibility to hands-on projects with .NET, Visual Studio, and TypeScript, you'll learn best practices for creating high-quality extensions that align with data, privacy, and security considerations.</p>
8717	Copilot for Microsoft 365 User Enablement Specialist (MS-4007)	1	Foundation	Instructor Led	<p>In this course, you'll learn the knowledge and skills to drive the enablement of Microsoft Copilot for Microsoft 365. You'll explore effective strategies, including the Copilot for Microsoft 365 user enablement framework. Any successful technological transformation in an organisation requires a holistic approach, including employee engagement, strong leadership, clear goals, and collaborative learning.</p>
8728	Customizing Copilot AI Assistants for Use in Your Organization (PL-7008)	1	Intermediate	Instructor Led	<p>In this 2-Day Applied Skills course, you will learn how to create intelligent, custom copilots using Microsoft Copilot Studio. This hands-on course covers essential concepts, including managing topics, working with entities and variables, and enhancing copilots by integrating additional technologies like Power Automate and Dataaverse for Teams. You'll also practice these skills in guided exercises, building a strong foundation to deploy copilots that streamline decision-making and reduce the need for high-code solutions.</p>
8689	Empower Your Workforce with Copilot for Microsoft 365 Use Cases (MS-4004)	1	Foundation	Instructor Led	<p>"Explore the power of Copilot for Microsoft 365 in this dynamic 1-day Microsoft course. The first part covers essential Copilot functionalities across various Microsoft 365 apps, offering insights into best practices, effective prompt creation, and extending capabilities with plugins and Graph connectors. The heart of the course lies in the second part, where participants engage in hands-on exercises across seven key Use Cases - Executives, Sales, Marketing, Finance, IT, HR, and Operations. Through practical scenarios in Microsoft 365 apps like Word, PowerPoint, and Outlook, students tackle common business tasks related to each Use Case. Join us to unleash the potential of Copilot and empower your workforce."</p>
8725	Enhance Endpoint Security with Microsoft Intune and Microsoft Copilot for ...	1	Foundation	Instructor Led	<p>This course provides an in-depth understanding of how to enhance endpoint security using Microsoft Intune and Microsoft Copilot for Security. You'll learn the fundamentals of Microsoft Intune, advanced threat detection, and response with Microsoft Copilot for Security, and how to optimize the integration between these two powerful tools. The course is designed for security professionals, IT administrators, and security operations analysts who want to strengthen their organization's security posture.</p>
8721	Get Started with Microsoft Copilot for Security (SC-5006)	1	Foundation	Instructor Led	<p>Learn about Microsoft Copilot for Security, an AI-powered security analysis tool that enables analysts to process security signals and respond to threats at a machine speed, and the AI concepts upon which it's built.</p>
8731	Prepare security and compliance to support Microsoft 365 Copilot (MS-4002)	1	Intermediate	Instructor Led	<p>This course equips administrators with the tools and knowledge needed to prepare key security and compliance features for a successful Microsoft 365 Copilot implementation.</p>
8749	Manage and Extend Microsoft 365 Copilot (MS-4017)	1	Intermediate	Instructor Led	<p>"This course examines how administrators can manage and extend Microsoft 365 Copilot to meet their business needs. The course introduces you to Copilot, examines how to implement and administer it, and then explores the fundamentals of Copilot extensibility. Prerequisites: Students should have basic functional experience with Microsoft 365 services. Students must have a proficient understanding of general IT practices."</p>
8759	Transform your everyday business processes with agents (MS-4019)	1	Intermediate	Instructor Led	<p>This 1-day course examines no-code agents in Microsoft 365 Copilot Chat and SharePoint and explores how Microsoft 365 business users can create, manage, and use them.</p>

Course #	Course Title	Duration (Days)	Level	Delivery Type	Course Description
8765	Work Smarter with Copilot in Microsoft Fabric (DP-3029)	1	Intermediate	Instructor Led	<p>"Unlock the power of AI in your data workflows with Copilot in Microsoft Fabric. This learning path equips data analysts, engineers, and scientists with the skills to integrate, transform, store, and visualize data more effectively using AI-driven tools. You'll discover how Copilot accelerates tasks across Fabric components—from Data Factory and Data Engineering to Power BI and Data Warehouse—helping you streamline processes, improve productivity, and deliver insights faster.</p> <p>No matter if you're building data pipelines, refining SQL queries, or creating business reports, Copilot acts as your intelligent partner to simplify complexity and amplify results."</p>
Mobile App Development					
2326	Building Web Applications with Blazor	2	Intermediate	Instructor Led	<p>"In this Blazor course, you will learn how to use Blazor and C# to create interactive single-page and multi-page applications without JavaScript. You will also learn how to:</p> <ul style="list-style-type: none"> Take advantage of the complete .NET framework to create code that will fully integrate both client-side and server-side logic Integrate HTML5 APIs like geolocation and local storage into your interactive web pages Integrate JavaScript and Blazor to extend existing JavaScript pages with Blazor"
2322	Building Web Applications with React 16	4	Advanced	Instructor Led	<p>React 16 is an open-source JavaScript library from Facebook used for building HTML5 web applications. In this training course, you learn how to develop a complete application using React 16 by building high-performance User Interfaces (UIs) with classes and JSX components and creating Redux applications, which provide complementary architectural patterns to construct client-side application functionality.</p>
2316	Building Web Applications with React 19	4	Intermediate	Instructor Led	<p>This Building Web Applications with React 19 Training gives you the tools to build client-side applications using React 19 to create high-performance apps running both in the browser and as native mobile applications. The course uses Hooks in React 19 to simplify coding and improve performance while leveraging Typescript, Storybook, and the Redux Toolkit to improve productivity in creating complex applications. The full development process is covered, beginning with creating the application project, architecting the solution, integrating automated testing (using the React Testing Library for both unit and end-to-end testing), and finishing with deploying the application.</p>
522	CSS3 Responsive Web Design Training	4	Foundation	Instructor Led	<p>"Attend this CSS3 Responsive Web Design course & learn how to build accessible and responsive web applications featuring a rich UI that adapts to the widest possible range of internet-capable devices. You will gain the design skills to create collapsible navigation, liquid layout content, accessible data tables and forms, all while adhering to WCAG level A, AA and AAA checkpoints. You will employ modern, mobile-first design techniques leveraging typography, flexbox, CSS3 functions and pseudo-selectors/elements, and explore CSS integration with modern JavaScript frameworks like Angular and jQuery."</p>
2324	Introduction to Angular	4	Foundation	Instructor Led	<p>"Learn Angular 18 and build responsive, enterprise-strength applications that run smoothly on desktop and mobile devices with this Angular training course. Angular provides a robust framework that facilitates the development of richly interactive applications running on multiple platforms. Gain experience building components, creating directives, modularizing applications, and building template-driven forms. You'll be given remote access to a preconfigured virtual machine for you to perform your hands-on exercises, develop/test new code, and experiment with the same software used in your course. This course is compatible with older versions of Angular."</p>
2319	JavaScript Essentials for Web Development	4	Foundation	Instructor Led	<p>Attend this JavaScript Essentials for Web Development training course and gain knowledge and skills to create modern, interactive websites. In this course, you learn how to structure code, add interactivity, and leverage JavaScript to generate dynamic HTML5. You will also benefit from the use of best practices and progressive enhancement techniques. You will grow significantly on your path to achieving the knowledge and skills of a full stack developer by accessing data asynchronously.</p>
Networking					
1633	(CIFSAD) ONTAP SMB Administration Training	2	Foundation	Instructor Led	<p>This course extends the CIFS information that is found in the ONTAP Cluster Administration course. This course reviews SMB and explores in more detail SMB 3.x and the features of ONTAP 9 software that support the SMB protocol. The exercises are accomplished using ONTAP 9 software.</p>
1638	(DATAPROT9) NetApp Data Protection Administration Training	2	Intermediate	Instructor Led	<p>Become proficient with Data ONTAP Snapshot®, SnapRestore®, SnapMirror®, SnapVault®, Open Systems SnapVault, and NDMP technologies used to replicate and restore mission-critical data in the enterprise. Backup and restore operations are taught using the NetApp storage system command line and OnCommand System Manager. The course also provides an overview of the Data ONTAP 8.3 MetroCluster solution.</p>
1634	(NFSAD) ONTAP NFS Administration Training	1	Foundation	Instructor Led	<p>Cluster Administration course. This course reviews NFS and explores in more detail different NFS versions and the features of ONTAP 9 software that support the NFS protocol. The exercises are accomplished using ONTAP 9 software.</p>
1636	(SANIMP) Data ONTAP SAN Implementation Training	3	Foundation	Instructor Led	<p>In this workshop course, you learn how to connect Windows® and Linux® hosts via Fibre Channel (FC) and iSCSI protocols to NetApp® SANs.</p>

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1690	Advanced Architecting on AWS (AWSAA)	3	Advanced	Instructor Led	Building on concepts introduced in Architecting on AWS, Advanced Architecting on AWS is intended for individuals who are experienced with designing scalable and elastic applications on the AWS platform. Building on concepts introduced in Architecting on AWS, this course covers how to build complex solutions which incorporate data services, governance, and security on AWS. This course introduces specialized AWS services, including AWS Direct Connect and AWS Storage Gateway to support Hybrid architecture. It also covers designing best practices for building scalable, elastic, secure, and highly available applications on AWS.
1689	Architecting on AWS (AWSA)	3	Intermediate	Instructor Led	In this Architecting on AWS (AWSA) course, you will learn the fundamentals of building IT infrastructure on the AWS platform. You will learn how to optimize the AWS Cloud by understanding AWS services and how they fit into cloud-based solutions. You will explore AWS Cloud best practices and design patterns to help you architect optimal IT solutions on AWS. You will also examine case studies that show how AWS customers have designed their infrastructures and the strategies and services they implemented. You will build and explore a variety of infrastructures through a guided, hands-on activity.
2934	CCNA Certification Training	5	Foundation	Instructor Led	The Implementing and Administering Cisco Solutions (CCNA) v1.0 course gives you a broad range of fundamental knowledge for all IT careers. The CCNA certification training covers configuring network components such as switches, routers, and wireless LAN controllers; managing network devices; and identifying basic security threats. Through a combination of lecture, hands-on labs, and self-study, you will learn how to install, operate, configure, and verify basic IPv4 and IPv6 networks. The course also gives you a foundation in network programmability, automation, and software-defined networking.
1880	CCNP Data Center Certification Training (DCFNDU v1.0)	5	Foundation	Instructor Led	The Understanding Cisco Data Centre Foundations (DCFNDU) v1.1 course helps you prepare for entry-level data centre roles and the CCNP Data Centre Certification. In this course, you will learn the foundational knowledge and skills you need to configure Cisco data centre technologies including: networking, virtualisation, storage area networking, and unified computing. You will get an introduction to Cisco Application Centric Infrastructure (Cisco ACI™), automation, and cloud computing. You will get hands-on experience with configuring features on Cisco Nexus Operating System (Cisco NX-OS) and Cisco Unified Computing System (Cisco UCS).
2815	CCNP ENCOR Training	5	Intermediate	Instructor Led	The Implementing and Operating Cisco Enterprise Network Core Technologies (ENCOR) v1.1 course gives you the knowledge and skills needed to configure, troubleshoot, and manage enterprise wired and wireless networks. In CCNP ENCOR Training, you'll also learn to implement security principles, implement automation and programmability within an enterprise network, and how to overlay network design by using SD-Access and SD-WAN solutions.
1878	Cisco Collaboration Training (CLFNDU v1.1)	5	Foundation	Instructor Led	"This Cisco Collaboration Training course gives you the skills and knowledge needed to administer and support a simple, single-site Cisco® Unified Communications Manager (CM) solution with Session Initiation Protocol (SIP) gateway. The course covers initial parameters, management of devices including phones and video endpoints, management of users, and management of media resources, as well as Cisco Unified Communications solutions maintenance and troubleshooting tools. In addition, you will learn the basics of SIP dial plans including connectivity to Public Switched Telephone Network (PSTN) services, and how to use class-of-service capabilities. This course also earns you 30 Continuing Education (CE) credits towards recertification."
445	CompTIA A+ Certification Training	5	Intermediate	Instructor Led	"Start your IT career on the right foot with CompTIA A+ Certification Training. Earning an A+ certification demonstrates that you possess the skills necessary to support enterprise IT infrastructures. In addition, this CompTIA A+ training course provides foundational knowledge of today's most relevant technologies, so you can confidently conduct the tasks necessary to maintain your organization's IT environment. In addition to preparing for the CompTIA A+ Core 1 (220-1101) and Core 2 (220-1102) exams — required for CompTIA A+ Certification — this training provides the skills to install, configure, and optimize personal computer hardware and operating systems. This course includes a CompTIA A+ EBook, practice assessment questions, short video clips, examples, and exam vouchers. U.S. DoDM 8140.03 APPROVED BY DEPARTMENT OF DEFENSE"
2708	CompTIA Network+ Training	5	Intermediate	Instructor Led	"In this CompTIA Network+ (N10-009) course, you will gain the skills and knowledge to become a certified IT (Information Technology) infrastructure professional under the CompTIA Network+ framework. CompTIA Network+ is a globally recognized, vendor-neutral networking certification that validates the holder's expertise in designing, configuring, managing, and troubleshooting IT networks. This CompTIA Network+ training prepares you for the CompTIA Exam N10-009, covering wireless and wired network management, mobility, virtualization, security, protocols, standards, and troubleshooting procedures. U.S. DoDM 8140.03 APPROVED BY DEPARTMENT OF DEFENSE"
1875	Configuring Cisco Unified Computing System (DCCUCS v1.0) Training	3	Intermediate	Instructor Led	The Configuring Cisco Unified Computing System (DCCUCS) v1.0 shows you how to deploy, secure, operate, and maintain Cisco Unified Computing System (Cisco UCS) B-series blade servers, Cisco UCS C-Series, and S-Series rack servers for use in data centres. In addition, you will learn how to implement management and orchestration software for Cisco UCS. You will gain hands-on practice configuring critical features of Cisco UCS, Cisco UCS Director, and Cisco UCS Manager; implementing UCS management software including Cisco UCS Director, Cisco UCS Manager, and Cisco Intersight; and more.

Course #	Course Title	Duration (Days)	Level	Delivery Type	Course Description
1871	Designing Cisco Enterprise Networks (ENSLD v1.0) Training	5	Intermediate	Instructor Led	<p>"The Designing Cisco Enterprise Networks (ENSLD) v1.0 course gives you the knowledge and skills you need to design an enterprise network. This course serves as a deep dive into enterprise network design and expands on the topics covered in the Implementing and Operating Cisco® Enterprise Network Core Technologies (ENCOR) v1.0 course.</p> <p>This course also helps you prepare to take the exam, Designing Cisco Enterprise Networks v1.0 (ENSLD 300-420), which is part of the CCNP® Enterprise and Cisco Certified Specialist - Enterprise Design certifications."</p>
1870	ENARSI Implementing Cisco Enterprise Advanced Routing and Services Training	5	Intermediate	Instructor Led	<p>"The ENARSI Implementing Cisco Enterprise Advanced Routing course gives you the knowledge you need to install, configure, operate, and troubleshoot an enterprise network. This course covers advanced routing and infrastructure technologies, expanding on the topics covered in the Implementing and Operating Cisco Enterprise Network Core Technologies (ENCOR) v1.0 course.</p> <p>This course helps prepare you to take the exam, 300-410 Implementing Cisco® Enterprise Advanced Routing and Services (ENARSI), which leads to the CCNP® Enterprise and Cisco Certified Specialist &ndash; Enterprise Advanced Infrastructure Implementation certifications. This course also earns you 40 Continuing Education (CE) credits towards recertification."</p>
2938	Implementing Cisco Advanced Call Control and Mobility Services (CLACCM) v1.0	5	Foundation	Instructor Led	<p>"This official Implementing Cisco Advanced Call Control and Mobility Services (CLACCM) v1.0 course covers advanced call control and mobility services. You will learn how to use Cisco® Unified Communications Manager features to consolidate your communications infrastructure into a scalable, portable, and secure collaboration solution.</p> <p>Through a combination of lessons and hands-on experiences, you will also learn about a wealth of other features such as Globalized Call Routing, Global Dial Plan Replication, Cisco Unified Mobility, Cisco Extension Mobility, Device Mobility, Session Initiation Protocol Uniform Resource Identifier (SIP/ URI) call routing, Call Admission Control, Cisco Unified Communications Manager Express and Survivable Remote Site Telephony (SRST) gateway technologies, Cisco Unified Board Element Call deployments, signalling and media protocols, call coverage, and time of day routing.</p> <p>Plus, this CLACCM course will prep you for the Cisco 300-815 exam which satisfies the concentration exam requirement for Cisco CCNP Collaboration certification.</p> <p>Basic understanding of networking technologies Basic understanding of voice and video Knowledge of Cisco Internetworking Operation System (Cisco IOS XE) command line"</p>
2818	Implementing Cisco Collaboration Applications (CLICA v1.0) Training	5	Intermediate	Instructor Led	<p>"CLICA Course Outline - The Implementing Cisco Collaboration Applications (CLICA) v1.0 course provides you with the knowledge and skills to streamline communication protocol, strengthen compliance measures, and enhance your communication systems and devices with knowledge about Single Sign-On (SSO), Cisco® Unified IM & Presence, Cisco Unity® Connection and Cisco Unity Express, and Application clients. Through a combination of lessons and hands-on training, you acquire the skills to maximise the agility of robust management systems. This course will prepare you for 300-810 Implementing Cisco Collaboration Applications (CLICA).</p> <p>Before taking this course, you should have the following knowledge and skills:</p> <ul style="list-style-type: none"> • Basic understanding of networking technologies • Basic understanding of voice and video • Cisco Unified Communications Manager experience including single site dial plan, single Public Switched Telephone Network (PSTN) gateway, and Session Initiation Protocol (SIP) trunks. <p>The following Cisco courses can help you gain the knowledge you need to prepare for this course:</p> <ul style="list-style-type: none"> • {course:1878} <p>This course is designed primarily for network and software engineers who are interested in learning about automation and programmability and hold the following job roles:</p> <ul style="list-style-type: none"> • Network architect • Network designer • Network engineer • Network manager • Network administrator <p>• Acquire the knowledge to reduce the complexity and strengthen security protocols for communication applications.</p> <p>• Gain hands-on experience in automating, encrypting, and securing administrative tasks and business communications.</p> <p>• Acquire knowledge to prepare for the 300-810 CLICA exam.</p> <p>This course is part of the following Certifications: CCNP Collaboration"</p>

Course #	Course Title	Duration (Days)	Level	Delivery Type	Course Description
2819	Implementing Cisco Collaboration Cloud and Edge Solutions (CLCEI v1.0) Training	5	Intermediate	Instructor Led	<p>"The Implementing Cisco Collaboration Cloud and Edge Solutions (CLCEI) v1.0 course provides you with knowledge about Cisco® Expressway Series solutions enabling business-to-business (B2B) calls, Cisco Mobile, remote access, authentication options, and additional Cisco Expressway Series features. Through a combination of lessons and hands-on labs, you will learn how to leverage collaborative technology to access secure, collaborative work supports including video, voice, content, and remote workloads. This course also prepares you for the 300-820 Implementing Cisco Collaboration Cloud and Edge Solutions (CLCEI) exam.</p> <p>Before taking this course, you should have the following knowledge and skills:</p> <ul style="list-style-type: none"> • Understanding of networking technologies • Understanding voice and video • Knowledge of Cisco collaboration core technologies • Session Initiation Protocol (SIP) and Extensible Messaging and Presence Protocol (XMPP) signalling protocol fundamentals • Collaboration call control fundamentals of Cisco Unified Communications Manager <p>The following Cisco courses can help you gain the knowledge you need to prepare for this course:</p> <ul style="list-style-type: none"> • {course:1878} <p>This course is designed for professionals in job roles such as:</p> <ul style="list-style-type: none"> • Collaboration engineers • Collaboration administrators <p>• Gain hands-on experience in using Cisco Expressway software for secure, remote access for phones, endpoints, smartphones, tablets, video, and other communication devices to support nontraditional workspaces.</p> <p>• Prepare for the 300-820 CLCEI exam.</p> <p>This course is part of the following Certifications: CCNP Collaboration"</p>
1879	Implementing Cisco Enterprise Wireless Networks (ENWLSI v1.1) Training	5	Intermediate	Instructor Led	<p>"The Implementing Cisco Enterprise Wireless Networks (ENWLSI) v1.1 course gives you the knowledge and skills needed to create a secure wireless network infrastructure and troubleshoot any related issues. You'll learn how to implement and fortify a wireless network infrastructure using Cisco Identity Service Engine (ISE), Cisco Prime Infrastructure (PI), and Cisco Connect Mobile Experience to monitor and troubleshoot network issues. This course provides hands-on labs to reinforce concepts including deploying Cisco Prime Infrastructure Release 3.5, Cisco Catalyst® 9800 Wireless Controller Release, Cisco IOS XE Gibraltar 16.10, Cisco Digital Network Architecture (Cisco DNA) Center Release 1.2.8, Cisco Connected Mobile Experiences (CMX) Release 10.5, Cisco Mobility Services Engine (MSE) Release 8.0 features, and Cisco ISE Release 2.4."</p>
2937	Implementing Secure Solutions with Virtual Private Networks (SVPN)	5	Intermediate	Instructor Led	<p>"This official Cisco Implementing Secure Solutions with Virtual Private Networks (SVPN) v1.0 course teaches you how to implement, configure, monitor, and support enterprise Virtual Private Network (VPN) solutions. Through a combination of lessons and hands-on experiences you will acquire the knowledge and skills to deploy and troubleshoot traditional Internet Protocol Security (IPsec), Dynamic Multipoint Virtual Private Network (DM-VPN), FlexVPN, and remote access VPN to create secure and encrypted data, remote accessibility, and increased privacy.</p> <p>Plus, this SVPN course will prep you for the Cisco 300-730 exam which satisfies the concentration exam requirement for Cisco CCNP Security certification.</p> <p>Before taking this course, you should have the following knowledge and skills:</p> <ul style="list-style-type: none"> • Familiarity with the various Cisco router and firewall command modes • Experience navigating and managing Cisco routers and firewalls • Clear understanding of the benefits of site-to-site and Remote Access VPN options • Recommended course is SCOR - 350-701 - {course:2817} <p>This course is designed for professionals in the following job roles:</p> <ul style="list-style-type: none"> • Network security engineer • CCNP Security candidate • Channel Partner"
CLCOR	Implementing and Operating Cisco Collaboration Core Technologies (CLCOR)	5	Intermediate	Instructor Led	<p>The Implementing and Operating Cisco Collaboration Core Technologies (CLCOR) training provides you with the knowledge and skills to deploy, configure and troubleshoot core collaboration and networking technologies. Topics include infrastructure design protocols, codecs, and endpoints, Cisco Internetwork Operating System (IOS®) XE gateway and media resources, call control, and Quality of Service (QoS). This training also earns you 64 Continuing Education (CE) credits towards recertification.</p>
SPCOR	Implementing and Operating Cisco Service Provider Network Core Technologies (SPCOR)	5	Intermediate	Instructor Led	<p>The Implementing and Operating Cisco Service Provider Network Core Technologies (SPCOR) training expands your knowledge and skills of service provider core networks. You will gain the theoretical and practical knowledge needed to implement and operate service provider networks using technologies such as core architecture, services, networking, automation, quality of service (QoS), security, and network assurance. This training prepares you for the 350-501 SPCOR v1.0 exam. If passed, you earn the Cisco Certified Specialist – Service Provider Core certification and satisfy the core exam requirement for the Cisco Certified Network Professional (CCNP) Service Provider and Cisco Certified Internetwork Expert (CCIE) Service Provider certifications. This training also earns you 64 Continuing Education (CE) credits towards recertification.</p>

Course #	Course Title	Duration (Days)	Level	Delivery Type	Course Description
ENAU1	Implementing Automation for Cisco Enterprise Solutions (ENAU1)	3	Intermediate	Instructor Led	The Implementing Automation for Cisco Enterprise Solutions (ENAU1) training teaches you how to implement Cisco Enterprise automated solutions, including programming concepts, orchestration, telemetry, and automation tools. This course highlights the tools and the benefits of leveraging programmability and automation in the Cisco-powered Enterprise Campus and WAN. You will also examine platforms including IOS XE software for device-centric automation, Cisco DNA Center for the intent-based enterprise network, Cisco Software-Defined WAN, and Cisco Meraki. Their current ecosystem of APIs, software development toolkits, and relevant workflows are studied in detail together with open industry standards, tools, and APIs, such as Python, Ansible, Git, JSON/YAML, NETCONF/RESTCONF, and YANG.
WLSI	Implementing Cisco Enterprise Wireless Networks (ENWLSI v1.1) Training	5	Intermediate	Instructor Led	The Implementing Cisco Enterprise Wireless Networks (ENWLSI) training helps you implement network settings to provide a secure wireless network infrastructure and troubleshoot any related issues. The goal of this 5-day instructor-led training is to prepare you to secure and implement the wireless infrastructure, and use Cisco Identity Service Engine (ISE), Cisco Prime Infrastructure (PI), Cisco DNA Center, Cisco Spaces, and Cisco Connect Mobile Experience to monitor and troubleshoot network issues. This training provides you with hands-on labs to reinforce concepts including deploying Cisco Catalyst 9800 Wireless Controller Release IOS XE Bengaluru 17.6.3, Cisco Digital Network Architecture (DNA) Center Release 2.3.3, Cisco Prime Infrastructure Release 3.5, Cisco Spaces, Cisco CMX Release 10.5, features, and Cisco Identity Services Engine (ISE) Release 3.0. This training prepares you for the 300-430 ENWLSI: Implementing Cisco Enterprise Wireless Networks exam. If passed, you earn the Cisco Certified Specialist – Enterprise Wireless Implementation certification and satisfy the concentration exam requirement for the CCNP Enterprise certification. Our lab utilizes physical access points (9120, 3802), physical wireless clients as well as real DNAC and PI. This allows further exploration of the dashboard.
CI-SFWIPF	Fundamentals of Cisco Firewall Threat Defense and Intrusion Prevention (CI-SFWIPF)	5	Intermediate	Instructor Led	The Fundamentals of Cisco Firewall Threat Defense and Intrusion Prevention (SFWIPF) training shows you how to implement and configure Cisco Secure Firewall Threat Defense for deployment as a next generation firewall at the internet edge. You'll gain an understanding of Cisco Secure Firewall architecture and deployment, base configuration, packet processing and advanced options, and conducting Secure Firewall administration troubleshooting.
450	Introduction to Networking Training	4	Foundation	Instructor Led	"This hands-on Introduction to Networking course will enable you to take a more active part in the discussion and decision-making processes related to networking technology issues. You take your first step towards networking and data communications exposure, and gain the practical knowledge and skills to become comfortable with basic concepts, technologies, components, and design alternatives. You learn to implement networks using data links and physical media, deploy LANs using Ethernet and Wi-Fi, and build reliable internetworks and intranets using proven TCP/IP design techniques. • A general understanding of what computers and networks are used for in your personal and professional life"
451	Network Configuration and Troubleshooting Training	4	Intermediate	Instructor Led	The ability to provide users with constant access to critical data is essential for the success of today's rapidly evolving networks. In this Network Configuration and Troubleshooting training course, you gain a comprehensive set of tools and techniques needed to configure and maintain networks proficiently and identify and resolve problems related to cables, wireless connections, protocols, and applications. In addition, you will learn to implement VLANs in a switched network, access and secure your wireless network, and manage IP address assignments and subnetting.
2816	Understanding Cisco Wireless Foundations (WLFNDU v1.0) Training	5	Foundation	Instructor Led	The Understanding Cisco Wireless Foundations (WLFNDU) v1.0 course gives you the knowledge and skills you need to position, plan, implement, operate, and manage a Cisco® wireless LAN (WLAN) network. This WLFNDU v1.0 training course teaches you how to design, install, configure, monitor, and conduct basic troubleshooting tasks on a Cisco WLAN network of any size. This course also earns you 40 Continuing Education (CE) credits towards recertification.
Power BI					
8648	Advanced Visualization with Power BI Training	1	Advanced	Instructor Led	Become a reports and dashboards expert with this 1-day Power BI Advanced Visualisation course. In this Advanced Visualisation with Power BI Training, you will cover the Power BI report layouts and the agile process of creating Power BI data visualisations. In addition, learn about various design patterns within dashboards and reports and best practices for authoring great reports and dashboards!
8687	Develop Dynamic Reports with Microsoft Power BI (DP-605)	1	Intermediate	Instructor Led	Take this 1-day Microsoft Power BI course, Develop dynamic reports with Microsoft Power BI (DP-605), and learn to harness the power of Power BI to transform and load data, define semantic model relationships and calculations, create interactive visuals, and distribute reports seamlessly.
4658	Embedding Power BI in Web Apps	1	Intermediate	Instructor Led	In this hands-on course, students will learn to integrate Power BI reports seamlessly into ASP.NET Core applications. The course covers setting up Azure and Power BI security to control user access to reports, as well as embedding reports into web pages using JavaScript for dynamic, interactive experiences. By the end of the course, students will be able to embed Power BI visuals that respond to user interactions within their web applications.

Course #	Course Title	Duration (Days)	Level	Delivery Type	Course Description
1365	Introduction to DAX for Power BI	2	Intermediate	Instructor Led	"This Introduction to DAX for Power BI presents Data Analysis Expressions (DAX) in Power BI from an intermediate to an advanced level. The journey starts with an introductory discussion about DAX, the syntax of DAX statements, and how to write structured DAX in the DAX editor. You also get an introduction to DAX Studio, a third-party tool that can be used to write DAX. You can decide if you want to use DAX Studio for the course exercises. We will discuss many of the functions in DAX and how they could be used in a Power BI Project including explaining the use of iterator functions vs standard statistical functions. There are discussions explaining Calculated Columns, Tables, and Measures discussing the differences. There is also an explanation about Quick Measures and how we can utilize those. We will explain DAX Context and where those contexts apply. There are separate discussions for the CALCULATE function, the usage of a Data Model and incorporating a Date Dimension, and also using Time Intelligence Functions. We will conclude with a discussion around utilizing DAX with Row Level Security."
1360	Introduction to Power BI Training	3	Foundation	Instructor Led	"This Introduction to Power BI Training will give you all the skills you need to jump-start your Power BI journey. It discusses in depth the industry-recognized steps from raw data to detailed analysis via five main stages: <ul style="list-style-type: none">• Loading data into Power BI from a wide range of data sources, such as CSV and XLS files• Transforming data using Data Analysis Expressions (DAX), M, and Power Query languages• Creating and extending a comprehensive data model with DAX• Visualizing data in Power BI desktop using built-in tools• Sharing and collaborating with the Power BI service or Power BI server "
ABW899	Power BI	2	Foundation	Instructor Led	The course is designed to prepare participants to implement and comfortably use Power BI. Throughout the duration, attendees will gain a comprehensive understanding of Power BI's functionalities and best practices, enhancing their ability to create and manage interactive reports and dashboards, learning the deployment process from the connection to the data sources to publishing the report
8574	Power BI Data Analyst Training Course (PL-300)	3	Intermediate	Instructor Led	"This Power BI Data Analyst Training Course will discuss the various methods and best practices that align with business and technical requirements for modeling, visualizing, and analyzing data with Power BI. The course will also show how to access and process data from various sources, including relational and non-relational data. This course will also explore how to implement proper security standards and policies across the Power BI spectrum, including datasets and groups. Finally, the course will also discuss managing and deploying reports and dashboards for sharing and content distribution."
1363	Power BI for Business Users	1	Foundation	Instructor Led	"The beginner-level Power BI for Business Users course will give you all the skills you need to jump-start your Power BI journey as a Power BI Business User. Power BI Business Users are required to interact with reports and dashboards, and many other objects created by Data Analysts, Business Intelligence Analysts and Report Designers. This course will assist you in navigating through the Power BI Service and exploring how to Filter, Search, use Focus or Full-screen mode and interact with powerful AI Visuals, such as Question and Answer (Q&A). You will also be shown how to use the Power BI App, which connects directly to the Power BI Service. These are just a few of the benefits of attendance. During the course, you will learn what Dashboards, Reports, Visuals and Apps are and how to navigate the Power BI Service, enabling you to interact with those objects. You will interact with visuals to display the results how you want to view them by Sorting, Filtering and utilising the in-built drill-down functionality. We will explore how to view visuals in Focus mode or Full-Screen mode, create a Data Alert, and work with Q&A using human-readable questions. Course closure will include a Questions and Answers section describing how to access additional support, such as Coaching and Follow-Up sessions. The course will close with an Evaluation to enable you to provide targeted feedback."
8645	Power BI: Administrator in a Day Training	1	Advanced	Instructor Led	"In this Power BI Administrator in a Day training course, you will learn how to manage the Microsoft Power BI platform within your organization, including how to: <ul style="list-style-type: none">• Configure access settings for different users• Monitor the usage of the platform• Manage your organization's Power BI license" "
8646	Power BI: Advanced Data Modeling and Shaping	2	Advanced	Instructor Led	In this Power BI Advanced Data Modeling and Shaping course, you will learn the techniques of data modeling and shaping in Power BI, including the Data Analysis Expressions (DAX) formulas and the Power Query M language.
8649	Power BI: Dashboard Training (One-Day Course)	1	Foundation	Instructor Led	In this one-day Power BI Dashboard Training workshop, you will learn how to navigate and use the Microsoft Power BI dashboard. In the last two hours of the workshop, you will learn how to build your own data reports and dashboards with the support of your instructor.
1232	Power BI: Hands-On Reports and Dashboards Training	2	Intermediate	Instructor Led	Experience Power BI Desktop and Power BI Service in action. Watch and perform exercises to connect to 7 million records from various sources, refine the data in Power Query and import the tables into Power BI. Organise and model your data to "slice and dice"; summary information. Implement insightful, dynamic data visualisations. Publish your report to Power BI Service. Add a workspace and an app to distribute your report and share it with others.

Course #	Course Title	Duration (Days)	Level	Delivery Type	Course Description
Power Platform					
1543	Advanced Power App Development Training	2	Advanced	Instructor Led	In this Advanced Power App training, topics include advanced development techniques for Power Apps, including data connections and Dataverse. Development centers around Canvas Apps, Model Driven Apps and SharePoint List Forms. Covered items include custom controls for cascading dropdowns, repeating sections, fields by user permissions, custom expressions, and JSON.
1544	Advanced Power Automate Development Training	2	Advanced	Instructor Led	This Advanced Power Automate training includes advanced development techniques for Power Automate, including data connections and Dataverse; developments centered around business logic flow for SharePoint Lists, Canvas Apps and Model Driven Apps. Covered items include custom data connections, flow actions, conditions and switches, user and item permissions, audience targeting, custom expressions and JSON.
8648	Advanced Visualization with Power BI Training	1	Advanced	Instructor Led	Become a reports and dashboards expert with this 1-day Power BI Advanced Visualisation course. In this Advanced Visualisation with Power BI Training, you will cover the Power BI report layouts and the agile process of creating Power BI data visualisations. In addition, learn about various design patterns within dashboards and reports and best practices for authoring great reports and dashboards!
8748	Build Custom Agents for Microsoft Teams (MS-4015)	1	Advanced	Instructor Led	Build intelligent Microsoft Teams apps using the LLMs and AI components of your choice with Teams AI Library. These custom agents can also be used to extend Microsoft 365 Copilot.
8710	Create and Manage Automated Processes by Using Power Automate (PL-7002)	1	Foundation	Instructor Led	Get started with Power Automate by create and manage automated processes with Power Automate. Including creating triggers for cloud flows, configuring actions, implementing conditional logic for a cloud flow, testing a cloud flow, creating and configuring approvals by using Power Automate, and sharing cloud flows.
8709	Create and Manage Canvas Apps with Power Apps (PL-7001)	1	Intermediate	Instructor Led	Create your own data model and canvas app to support a scenario for a fictional company. You're provided high-level specifications on the custom tables, columns, and canvas app needed to complete this project.
8711	Create and Manage Model-Driven Apps with Power Apps and Dataverse (PL-7003)	1	Intermediate	Instructor Led	Practice building model-driven apps by using Microsoft Power Apps. The skills validated include creating Dataverse tables, modifying forms and views, and configuring a model-driven app. The scenario in this experience represents real-world challenges faced by individuals with business-specific expertise who build model-driven apps.
8737	Deploy and manage Azure Arc-enabled Servers (AZ-1010)	1	Intermediate	Instructor Led	This hands-on course provides IT administrators with the skills to deploy, manage, and secure Azure Arc-enabled servers. Learn how to extend Azure's capabilities to hybrid and multicloud environments, implement governance policies, automate update management, and enhance security with Microsoft Defender for Cloud. Through practical exercises, gain experience in onboarding and managing hybrid machines using Azure Arc.
1365	Introduction to DAX for Power BI	2	Intermediate	Instructor Led	"This Introduction to DAX for Power BI presents Data Analysis Expressions (DAX) in Power BI from an intermediate to an advanced level. The journey starts with an introductory discussion about DAX, the syntax of DAX statements, and how to write structured DAX in the DAX editor. You also get an introduction to DAX Studio, a third-party tool that can be used to write DAX. You can decide if you want to use DAX Studio for the course exercises. We will discuss many of the functions in DAX and how they could be used in a Power BI Project including explaining the use of iterator functions vs standard statistical functions. There are discussions explaining Calculated Columns, Tables, and Measures discussing the differences. There is also an explanation about Quick Measures and how we can utilize those. We will explain DAX Context and where those contexts apply. There are separate discussions for the CALCULATE function, the usage of a Data Model and incorporating a Date Dimension, and also using Time Intelligence Functions. We will conclude with a discussion around utilizing DAX with Row Level Security."
8571	Introduction to Microsoft Power Platform (PL-900)	1	Foundation	Instructor Led	In this Microsoft Power Platform training, learn the business value and product capabilities of Microsoft Power Platform. Create simple Power Apps, connect data with Dataverse, build a Power BI (Business Intelligence) Dashboard, and automate processes with Power Automate.
1360	Introduction to Power BI Training	3	Foundation	Instructor Led	"This Introduction to Power BI Training will give you all the skills you need to jump-start your Power BI journey. It discusses in depth the industry-recognized steps from raw data to detailed analysis via five main stages: <ul style="list-style-type: none">• Loading data into Power BI from a wide range of data sources, such as CSV and XLS files• Transforming data using Data Analysis Expressions (DAX), M, and Power Query languages• Creating and extending a comprehensive data model with DAX• Visualizing data in Power BI desktop using built-in tools• Sharing and collaborating with the Power BI service or Power BI server"
8670	Microsoft Power Automate RPA Developer (PL-500)	4	Intermediate	Instructor Led	Candidates for this Microsoft Power Automate RPA Developer (PL-500) course automate time-consuming and repetitive tasks using Microsoft Power Automate. They review solution requirements, create process documentation, and design, develop, troubleshoot, and evaluate solutions. Candidates work with business stakeholders to improve and automate business workflows. They collaborate with administrators to deploy solutions to production environments and support solutions.
8588	Microsoft Power Platform Developer Training (PL-400)	5	Advanced	Instructor Led	The Microsoft Power Platform helps organisations optimise their operations by simplifying, automating and transforming business tasks and processes. In this Advanced Microsoft Power Platform Developer course, students will learn how to build Power Apps, Automate Flows and extend the platform to complete business requirements and solve complex business problems.

Course #	Course Title	Duration (Days)	Level	Delivery Type	Course Description
8587	Microsoft Power Platform Functional Consultant Training (PL-200)	5	Intermediate	Instructor Led	<p>"This Microsoft Power Platform Functional Consultant training course will teach you to use Microsoft Power Platform solutions to simplify, automate, and empower business processes for organisations in the role of a Functional Consultant. A Microsoft Power Platform Functional Consultant is responsible for creating and configuring apps, automations, and solutions. They act as the liaison between users and the implementation team. The functional consultant promotes the utilisation of solutions within an organisation.</p> <p>The functional consultant may perform discovery, engage subject matter experts and stakeholders, capture requirements, and map requirements to features. They implement components of a solution, including application enhancements, custom user experiences, system integrations, data conversions, custom process automation, and simple visualisations. This course may contain a 1-day Applied Workshop.</p> <p>This workshop will allow you to practice your Functional Consultant skills by creating an end-to-end solution to solve a problem for a fictitious company. The solution will include a Microsoft Dataverse database, Power Apps canvas app, and Power Automate flows."</p>
8596	Microsoft Power Platform Solution Architect Training (PL-600)	3	Advanced	Instructor Led	<p>In this PL-600 Training course, students will learn about decisions a Solution Architect makes during an implementation, covering security, integrations, Power Apps architecture, Power Automate architecture, and more. The Solution Architect is responsible for the successful design, implementation, deployment and adoption of an overall solution. The Solution Architect ensures that the solution meets the customers needs now and in the future. This course is designed to give you an introduction to the Solution Architect role.</p>
1542	No Code Solutions with Power Apps and Power Automate (Flow)	4	Intermediate	Instructor Led	<p>"In this Power Apps and Power Automate Training, you will learn how to create low-code custom business applications and automate business processes. The course is a four-day instructor-led training programme designed for SharePoint Power Users and Site Owners who want to learn how to create low-code custom business applications and automate business processes using Power Apps and Power Automate.</p> <p>This course covers app creation, form customisation, data connections, workflow automation, embedding in SharePoint and Teams, and Power BI report creation using a variety of data sources. After the course, attendees can leverage continued support with after-course one-on-one instructor coaching and a computing sandbox."</p>
8574	Power BI Data Analyst Training Course (PL-300)	3	Intermediate	Instructor Led	<p>"This Power BI Data Analyst Training Course will discuss the various methods and best practices that align with business and technical requirements for modeling, visualizing, and analyzing data with Power BI. The course will also show how to access and process data from various sources, including relational and non-relational data. This course will also explore how to implement proper security standards and policies across the Power BI spectrum, including datasets and groups. Finally, the course will also discuss managing and deploying reports and dashboards for sharing and content distribution."</p>
8645	Power BI: Administrator in a Day Training	1	Advanced	Instructor Led	<p>"In this Power BI Administrator in a Day training course, you will learn how to manage the Microsoft Power BI platform within your organization, including how to:</p> <ul style="list-style-type: none"> Configure access settings for different users Monitor the usage of the platform Manage your organization's Power BI license"
8646	Power BI: Advanced Data Modeling and Shaping	2	Advanced	Instructor Led	<p>In this Power BI Advanced Data Modeling and Shaping course, you will learn the techniques of data modeling and shaping in Power BI, including the Data Analysis Expressions (DAX) formulas and the Power Query M language.</p>
8649	Power BI: Dashboard Training (One-Day Course)	1	Foundation	Instructor Led	<p>In this one-day Power BI Dashboard Training workshop, you will learn how to navigate and use the Microsoft Power BI dashboard. In the last two hours of the workshop, you will learn how to build your own data reports and dashboards with the support of your instructor.</p>
1232	Power BI: Hands-On Reports and Dashboards Training	2	Intermediate	Instructor Led	<p>Experience Power BI Desktop and Power BI Service in action. Watch and perform exercises to connect to 7 million records from various sources, refine the data in Power Query and import the tables into Power BI. Organise and model your data to &ldquo;slice and dice&rdquo; summary information. Implement insightful, dynamic data visualisations. Publish your report to Power BI Service. Add a workspace and an app to distribute your report and share it with others.</p>
Programming					
ABW881	API Design Fundamentals: Designing Scalable and Usable APIs with Specifications	1	Intermediate	Instructor Led	<p>"In today's digital landscape, APIs (Application Programming Interfaces) are the backbone of modern software ecosystems. This training equips business analysts, technical analysts, and software engineers with the foundational skills to design clear, scalable, and user-friendly APIs. Through a blend of conceptual understanding and hands-on exercises, participants will learn how APIs work, how to apply industry-standard specifications like OpenAPI, and how to collaborate effectively across roles in the API lifecycle.</p> <p>Whether you're gathering requirements, modeling data, or writing code, this course ensures everyone speaks a common language when it comes to designing effective APIs."</p>
4535	AI-Powered Programming in Python	1	Intermediate	Instructor Led	<p>Explore how AI can revolutionize your Python programming workflow. This hands-on course introduces you to AI-powered tools and techniques for generating, debugging, and optimizing code. Learn to seamlessly integrate AI into your development process to boost productivity while maintaining quality. Topics include AI-assisted code, debugging, testing, documentation, and best practices to balance AI automation with human expertise. Unlock the potential of AI to elevate your coding skills and streamline software development tasks.</p>

Course #	Course Title	Duration (Days)	Level	Delivery Type	Course Description
2071	CertNexus Certified Cyber Secure Coder Training	3	Intermediate	Instructor Led	<p>"The stakes for software security are very high, and yet many development teams deal with software security only after the code has been developed and the software is being prepared for delivery. As with any aspect of software quality, to ensure successful implementation, security and privacy issues should be managed throughout the entire software development lifecycle.</p> <p>This authorized Cyber Secure Coder course from CertNexus presents an approach for dealing with security and privacy throughout the entire software development lifecycle. You will learn about vulnerabilities that undermine security, and how to identify and remediate them in your own projects. You will learn general strategies for dealing with security defects and misconfiguration, how to design software to deal with the human element in security, and how to incorporate security into all phases of development.</p> <p>U.S. DoDM 8140.03 APPROVED BY DEPARTMENT OF DEFENSE"</p>
8754	GitHub Copilot (GH-300)	1	Intermediate	Instructor Led	<p>"This course delves into the fundamentals and advanced features of GitHub Copilot, an AI-powered code completion tool. Participants will explore how to integrate Copilot into various development environments, understand its ethical implications, and learn to customize its functionalities to suit organizational needs.</p> <p>Prerequisites: Basic understanding of GitHub fundamentals."</p>
8755	GitHub Foundations (GH-900)	2	Foundation	Instructor Led	<p>This course introduces the fundamental concepts, features, and products of GitHub. You'll discover the benefits of using GitHub as a collaborative platform and explore its core features, such as repository management, commits, branches, and merging. Through curated modules and hands-on exercises, you'll gain a solid understanding of GitHub's essential tools and be well-equipped to start contributing to projects and collaborating effectively within GitHub.</p>
419	Introduction to C# Training	4	Foundation	Instructor Led	<p>"In this hands-on introduction to C# training course, you'll gain a comprehensive introductory coverage of C# as an object-oriented programming language for application development. You will obtain practical experience using C# and learn how to leverage the .NET Framework Library to quickly produce production-level programs.</p> <p>In this C# training course, you will gain the programming skills needed to create applications using the C# language. You will learn the basics of C# program structure, language syntax, and implementation details. Use of C# in all three tiers is discussed (user interface, business logic and data access) with focus on proper object-oriented coding."</p>
327	Introduction to C++ Programming Training	4	Foundation	Instructor Led	<p>For those with a background in a procedural programming language, this course provides a foundation in C++ syntax and usage, as well as object-oriented programming. With this training, you learn how to use C++ functions and variables, leverage advanced features — including constructors, destructors, inheritance, and polymorphism — and gain an understanding of how C++ offers greater ability than C.</p>
1910	Introduction to TypeScript and Node	4	Foundation	Instructor Led	<p>TypeScript and Node Essentials Training opens the door to leveraging TypeScript's robustness and Node.js's efficiency in crafting client-side apps, server-side APIs and tools. From fundamental concepts like documentation and working with collections to advanced topics like functional and asynchronous programming, this course delivers comprehensive learning.</p> <p>Through interactive sessions and real-world examples, an expert instructor guides participants toward not only theoretical understanding but also practical application. Whether seeking career advancement or exploring a coding passion, this course lays a concrete foundation for mastering TypeScript and Node.js."</p>
2330	Rust Essentials: Building Better Software	2	Intermediate	Instructor Led	<p>Rust has held the "most loved language" spot since the Stack Overflow Developer survey started asking the question. Why? If you are developing applications that need to be fast and/or secure, Rust has your back. Traditional systems level programming languages, such as C/C++, are struggling to scale to the demands of the industry they serve. Given the growth of the cloud infrastructure that is a sweet-spot for Rust, and the continued support of developers and top-tier tech companies, Rust looks to have a rosy future and should be part of any current, or aspiring, systems developer's learning path. Rust is not only for systems developers, but data scientists also who are working with large simulation or machine learning models require both accuracy and performance. Rust delivers in these areas.</p>
Python					
1906	Advanced Python: Best Practices and Design Patterns	4	Advanced	Instructor Led	<p>"This advanced Python training course will expand your foundational Python programming skills to build reliable and stable applications. In this course, you will learn how to:</p> <ul style="list-style-type: none"> • Employ design patterns and best practices in Python applications • Exploit the object-oriented programming features in Python for stable, reliable programs • Create and manage concurrent threads of control • Generate and consume REST web service requests and responses • Implement Gang of Four (GoF) design patterns to solve commonly recurring software design problems"
1263	Beginner Data Science with Python and Jupyter	1	Foundation	Instructor Led	<p>"Attend this Applied Data Science with Python and Jupyter training course and learn about some of the most commonly used libraries that are part of the Anaconda distribution and then explore machine learning models with real datasets. You will also learn about creating reproducible data processing pipelines, visualisations, and prediction models, all with the goal of giving you the skills and exposure you'll need for the real world.</p> <p>Data Science is one of the fastest growing professions across all industries. Open source tools like Python have become increasingly popular, and when paired with Jupyter Notebooks, can provide a variety of data-science applications. Attend this one-day hands-on course and learn to leverage all that these powerful tools have to offer.</p> <ul style="list-style-type: none"> • Knowledge of programming fundamentals and some experience with Python, including Python libraries, Pandas, Matplotlib, and scikit-learn."

Course #	Course Title	Duration (Days)	Level	Delivery Type	Course Description
1274	Data Visualization with Python Training	3	Intermediate	Instructor Led	In this Data Visualisation with Python Training course, you'll learn how to use Python's data visualisation libraries, including NumPy, Pandas, Matplotlib, and Seaborn to better understand data analytics.
4655	Enhancing Python Performance Training	1	Advanced	Instructor Led	Python is a slow language--but there are many ways to squeeze performance out of it. This hands-on course examines techniques and tools for speeding up your Python apps.
1264	Introduction to AI, Data Science & Machine Learning with Python	5	Foundation	Instructor Led	<p>"Data science is a field that has exploded in popularity in recent years, and for good reason. Companies across industries are increasingly relying on data to inform their decision-making, and skilled data scientists are in high demand. In this comprehensive course, you'll learn the foundational skills and techniques you need to succeed in this exciting field.</p> <p>You'll start by exploring the role of a data scientist and the lifecycle of data science efforts within an organisation. Then, you'll dive into the technical skills you need, such as using Python and its relevant libraries for data analysis and visualisation, preprocessing unstructured data, and building AI/ML models.</p> <p>You'll also explore key machine learning algorithms, including linear regression, decision tree classifiers, and clustering algorithms. And, you'll learn how to apply these techniques to real-world problems, such as predicting customer churn and building recommendation engines.</p> <p>Throughout the data science training, you'll have the opportunity to work on hands-on exercises and projects, allowing you to practice your skills and build your portfolio. By the end of the course, you'll have a deep understanding of the data science process, the tools and techniques used by data scientists, and the ability to apply these skills to real-world problems."</p>
4509	Introduction to Python for Data Analytics	1	Foundation	Instructor Led	<p>"Gain the skills you need to analyse and visualise data with Python. In this Python training, you learn the fundamentals of Python programming with a focus on data analytics, and work with popular statistical computing libraries – like NumPy, Pandas, SciPy, and Scikit-learn – that allow you to begin analysing data to answer key business questions.</p> <p>The eBooks and on-demand courses provided with this offering are a great way to explore your interest in the topics covered in the instructor-led course. At any time during your annual access to this offering, you may attend one of our 1-day review sessions, Course 4509: {course:4509}."</p>
7905	Introduction to Python On Demand Training	N/A	Foundation	On-Demand	<p>"Interested in learning how to write code and develop apps in Python? Do you find it difficult to be away from work for 3 consecutive days?</p> <p>In this Introduction to Python On-Demand course, you will learn how to write Python code on your own schedule. This is the same content as our instructor-led version, just brought to you in an On-Demand format.</p> <p>You will have the ability to access this course at any time for one calendar year. This includes all the learning content, course labs and demonstration videos."</p>
1905	Introduction to Python Training	3	Foundation	Instructor Led	<p>"Interested in learning how to write code and develop apps in Python?</p> <p>In this Introduction to Python course, you will learn how to use Python's features, standard library modules, and third-party software packages."</p>
1273	Python Data Wrangling Training	3	Intermediate	Instructor Led	<p>"In this Python Data Wrangling course, you will learn how to use Python to extract/transform data from various sources, including large database vaults and Excel financial tables.</p> <p>You will also explore insights into why you should avoid traditional data cleaning methods, as done in other languages, and take advantage of the specialised functions from NumPy and Pandas."</p>
ABW895	Python Fundamentals	2	Foundation	Instructor Led	<p>In this course we will learn to program in Python. Starting from variable assignment through conditional statements, loops and functions. At the end of the course you will be able to program Python solutions to simple problems. In this course we will briefly touch on how to start programming as well, this is separate from Python.</p>
ABW898	Python for Data Analytics	2	Foundation	Instructor Led	<p>In this course we will examine the basics of Data Analytics and which libraries are available in Python. We will build a number of programs to perform data analytics using Python.</p>
1904	Python Fundamentals Training for Non-Programmers	2	Foundation	Instructor Led	<p>"This hands-on course is intended for those individuals with little or no software development experience. Starting with the most fundamental elements, this training evolves your skills to produce complete computer applications, including the user interface, business logic and data access layers. During the course, attendees will write code using Python, one of the most popular modern languages and highly suitable for beginners. Development techniques include requirements, design, code generation, testing and debugging.</p> <p>Of special note, this course combines adaptive learning (AdaptaLearn) with the use of Generative AI (ChatOpenAI) to accelerate your pace of learning and ability to do hands-on development work. This will ensure you are highly productive Python programmers the moment you return to your office. A post-course AI-driven hands-on practicum is provided for ongoing practice and improvement.</p> <p>With this course, you will gain all the pre-requisite skills necessary to carry on to more language-specific training appropriate for the type of applications your organisation needs, be they data science, web development, embedded real-time systems or other."</p>

Course #	Course Title	Duration (Days)	Level	Delivery Type	Course Description
7230	Python-Powered Data Science and AI Professional Certificate Program	Multi Week	Foundation	Instructor Led	<p>"The Python-Powered Data Science and AI Program is an intensive training program designed to equip professionals with essential skills in Python programming, data analysis, machine learning, and AI techniques. This immersive program offers a comprehensive curriculum that combines hands-on learning with expert coaching to prepare participants for the growing demand in data-driven decision-making across various industries. Join the Python-Powered Data Science and AI Program today to elevate your data science skills, advance your career, and make impactful contributions to your organization.</p> <p>View Program Visual Guide"</p>
SharePoint					
1550	Introduction to SharePoint 2019 Training	4	Foundation	Instructor Led	<p>This Introduction to SharePoint 2019 training gives you a comprehensive overview of the on-premise platform. Microsoft SharePoint 2019 provides a modern approach to business collaboration platform that streamlines document management, simplifies access to information, and provides the ability to deploy solutions quickly and securely. Learn to create, manage, and customise these modern SharePoint 2019 features to the requirements of your organisation.</p>
1545	Introduction to SharePoint Online	4	Foundation	Instructor Led	<p>Microsoft SharePoint Online is a powerful cloud-based enterprise tool that enables efficient content sharing and collaboration. In this hands-on Microsoft SharePoint Training, you will learn how to create, manage, and customize websites using SharePoint Online.</p>
1542	Power Apps Power Automate Training	4	Intermediate	Instructor Led	<p>"In this Power Apps and Power Automate Training, you will learn how to create low-code custom business applications and automate business processes. The course is a four-day instructor-led training programme designed for SharePoint Power Users and Site Owners who want to learn how to create low-code custom business applications and automate business processes using Power Apps and Power Automate. This course covers app creation, form customisation, data connections, workflow automation, embedding in SharePoint and Teams, and Power BI report creation using a variety of data sources. After the course, attendees can leverage continued support with after-course one-on-one instructor coaching and a computing sandbox."</p>
1551	SharePoint 2019/Online Hybrid Administration	5	Intermediate	Instructor Led	<p>SharePoint 2019 brings together an OnPrem environment with the rich features and applications enjoyed by SharePoint Online/O365. Configuration, implementation and integration of these two environments are required to facilitate all the modern and supporting infrastructure that comprise the SharePoint platform. A ground-up install of all necessary prerequisites, databases and software will complete the OnPrem environment. Adding an Online tenant to this mix will enhance the development capabilities by including the Power Platform of Power Apps, Power Automate and Power BI.</p>
Software Engineering					
3161	Advanced Level test Analyst - ISTQB Software Testing Certification Training	3	Advanced	Instructor Led	<p>"This course provides test engineers with advanced skills in test analysis, design, and execution. This hands-on course allows test engineers to define and carry out the tasks required to implement the test strategy. The course will teach attendees to analyse the system, considering the users quality expectations. They will learn to evaluate system requirements as part of formal and informal reviews, using their understanding of the business domain to determine requirement validity. Attendees will know how to analyse, design, implement, and execute tests, using risk considerations to determine the appropriate test effort and priority. They will be able to report on testing progress and provide the necessary evidence to support their evaluations of system quality. Finally, attendees will learn how to implement a testing effort that supports the explicit and implicit testing objectives and receive 3 months access to Learning Tree practice questions."</p>
1851	AI for Software Engineers: Concepts and Techniques	3	Intermediate	Instructor Led	<p>This three-day intensive course is designed to equip software engineers, project managers, and technical leads with the tools and insights needed to leverage artificial intelligence (AI) effectively. By focusing on AI concepts, practical implementations, and ethical considerations, participants will enhance their ability to integrate AI into modern software projects.</p>
2328	Developing and Deploying AI Applications	3	Intermediate	Instructor Led	<p>"In this hands-on Developing and Deploying AI Enabled Applications course we will explain how AI and AI Agents can be integrated into applications across a wide spectrum of AI use cases and scenarios including natural language processing, vision, and speech recognition.</p> <p>You will build AI enabled applications and Agents for applications such as chatbots that access your organizational data and greatly improve customer experience and organizational productivity. You will explore issues such as security and privacy, choosing AI platforms, and maintenance and operations."</p>
4876	Effective Software Testing Strategies	1	Intermediate	Instructor Led	<p>"Save your organisation time, effort, and money by practising high-level testing infrastructure activities that can be integrated into the software life cycle. In this 1-day Software Testing Strategies training course, you gain the knowledge and skills to apply proper test processes that build the framework for implementing and monitoring the overall quality of the product.</p> <ul style="list-style-type: none"> • Software development concepts"
1850	Introduction to Microservices Architecture Training	2	Foundation	Instructor Led	<p>This Microservices training course explains the benefits of microservices architecture and provides hands-on experience in the tools most popular for designing, building, monitoring, and maintaining microservices.</p>

Course #	Course Title	Duration (Days)	Level	Delivery Type	Course Description
1830	Introduction to Software Testing Training	3	Foundation	Instructor Led	Attend this Software Testing training course and gain a thorough understanding of testing approaches that can be integrated into the software life cycle. Through substantial practical exercises, you learn to implement static analysis, leverage test-design techniques, and structure testing methods into your work processes to properly design functional and maintainable products.
316	ISTQB Certified Foundation Level v4.0 Training	3	Foundation	Instructor Led	"Prepare for and pass the ISTQB-BCS Certified Tester Foundation Level (CTFL) Exam with this ISTQB-accredited training course. As an ISTQB-BCS Certified Tester, you will learn the importance of static testing activities, utilise test design techniques, and incorporate test management practices within an organisation. This course has been accredited for the ISTQB CTFL 4.0 Syllabus. The Foundation Level qualification is aimed at anyone involved in software testing. This includes people in roles such as testers, test analysts, test engineers, test consultants, test managers, software developers and development team members. This Foundation Level qualification is also appropriate for anyone who wants a basic understanding of software testing, such as project managers, quality managers, product owners, software development managers, business analysts, IT directors and management consultants. Holders of the Foundation Certificate can go on to higher-level software testing qualifications."
3682	Model Based System Engineering with SysML	3	Foundation	Instructor Led	"Model Based System Engineering (MBSE) is a megatrend in modern software and systems engineering – the key element in larger engineering transformation initiatives. Model-based, not document-based, MBSE clarifies understanding and has been empirically proven to significantly accelerate development projects. This 3-day Hands-On course provides a solid grounding in MBSE project processes and how to build robust models using SysML notation and diagrams. Attendees will receive a solid grounding in MBSE and SysML with the understanding and confidence to participate and be successful as modern-day system engineers. The course case study evolves from concept to full model and is achieved through comprehensive hands-on exercises developed entirely by the attendee. Those attending can choose to use Dassault/Magic Draw/Cameo or Sparx Systems Enterprise Architect."
342	Software Change, Configuration and Release Management (SCM) Training	3	Foundation	Instructor Led	Increase efficiency, and decrease maintenance time and development costs with this Software Control Management (SCM) training. In this course, you practice configuration activities — such as configuration planning, change control and management, system building, and version and release management — and learn how the application core processes of SCM contribute to the success of a software project.
3169	ISTQB CTAL Test Automation Engineering	3	Advanced	Instructor Led	"Provides participants with the knowledge and skills necessary to guide a test automation project. The course focuses on the concepts, methods, tools, and processes for automating dynamic functional tests and the relationship of those tests to test management, configuration management, defect management, software development processes and quality assurance. Prerequisites Candidates for the ISTQB® Advanced Level Test Automation Engineering certificate must hold the ISTQB® Certified Tester Foundation Level certificate (CTFL) Methods described are generally applicable across a variety of software lifecycle approaches (e.g., agile, sequential, incremental, iterative), types of software systems (e.g., embedded, distributed, mobile) and test types (functional and non-functional testing)."
3170	ISTQB® Certified Tester - Testing with Generative AI (CT-GenAI)	2	Advanced	Instructor Led	The ISTQB® Certified Tester – Testing with Generative AI (CT-GenAI) certification equips professionals with the knowledge and skills to apply Generative AI (GenAI), Large Language Models (LLMs), and AI testing tools throughout the software testing lifecycle. This globally recognized certification demonstrates your ability to use AI effectively in real-world testing scenarios.
SQL					
929	Writing Advanced SQL Queries	3	Advanced	Instructor Led	Structured Query Language (SQL) is the cornerstone of all relational database operations. In this hands-on Advanced SQL course, you will learn how to exploit the full potential of the SELECT statement to write robust queries using the best query method for your application, test your queries, and avoid common errors and pitfalls. It also teaches alternative solutions to given problems, enabling you to choose the most efficient solution in each situation.
234	Developing SQL Queries for Oracle Databases	4	Advanced	Instructor Led	This Oracle SQL Queries training course will help you increase productivity and maximise the potential of SQL to formulate intricate queries for Oracle databases. Learn to solve business problems easily, efficiently, and elegantly with only a few lines of SQL code, and gain the practical skills to choose the best query method — ensuring accuracy and avoiding common errors or pitfalls.
925	Introduction to SQL Course	3	Foundation	Instructor Led	"Learning Tree's Introduction to SQL Course is designed to provide an introduction to the SQL programming language, which is the standard language for relational database management systems. The course covers the basics of SQL, including creating tables, manipulating data, and querying databases. Students who complete the course will be equipped to write SQL queries, work with Microsoft SQL Server or PostgreSQL. The course is suitable for beginners with no prior experience in SQL or database management, as well as professionals who want to refresh their skills. Overall, Learning Tree's Introduction to SQL Course is an excellent starting point for anyone looking to learn SQL and become proficient in database management and data engineering."

Course #	Course Title	Duration (Days)	Level	Delivery Type	Course Description
144	Linux Administration and Support Training	4	Intermediate	Instructor Led	<p>"Leverage the flexibility and scalability of your Linux OS to meet your organization's critical and ongoing IT needs. In this Linux Administration and Support training course, you learn to build, manage, and fine tune your Linux, Red Hat, CentOS, Debian, or SUSELinux distribution, as well as manage the day-to-day responsibilities of your role as a Linux administrator. Learn to control and troubleshoot the boot process, attach local storage and create file systems and deliver file, print and network services for both UNIX and Windows clients.</p> <ul style="list-style-type: none"> • Practical skills in the Linux Operating system at the level of: • Course 143, Linux Introduction, or • Course 428, UNIX Introduction • Must be comfortable with Linux command line, including vi text editor and standard file manipulation utilities • This course uses Red Hat Enterprise Linux • Concepts taught are applicable to all Linux distributions"
2107	Microsoft SQL Server Training Course	4	Foundation	Instructor Led	<p>"In this intro to SQL Server course, you gain the introductory skills to maximise SQL Server's benefits. Learn how to use the various administrative and development tools within SQL Server, including the Microsoft BI stack of Integration Services, Analysis Services, and Reporting Services. SQL Server offers a platform for enterprise data management, robust development, and implementation of modern Business Intelligence solutions. Attend this hands-on course and learn to leverage these features."</p>
493	Oracle PL/SQL Training	5	Intermediate	Instructor Led	<p>This Oracle® PL/SQL training course will teach you to increase the productivity, performance, scalability, portability, and security of your Oracle database. With this training, you will learn how to execute PL/SQL programmes in Oracle, build stored procedures, design and execute modular applications, and increase the efficiency of data movement &mdash; essential skills for any Oracle developer.</p>
8597	Querying Data with Microsoft Transact-SQL Training (DP-080)	2	Foundation	Instructor Led	<p>"This course will teach the basics of Microsoft's dialect of the standard SQL language: Transact-SQL. Topics include both querying and modifying data in relational databases that are hosted in Microsoft SQL Server-based database systems, including: Microsoft SQL Server, Azure SQL Database and, Azure Synapse Analytics. This course can be valuable for anyone who needs to write basic SQL or Transact-SQL queries. This includes anyone working with data as a data analyst, a data engineer, a data scientist, a database administrator or a database developer. It can also be useful for others peripherally involved with data, or wanting to learn more about working with data such as solution architects, students and technology managers."</p>
ABW896	SQL&Relational Databases Fundamentals	2	Foundation	Instructor Led	<p>In this course we examine the relational database and how to construct simple tables and relationships. We learn the basics of the SQL language. Mostly focussing on querying, so fetching data from the database. Some time will be spent on adding records to tables. The exercises will be performed in an Azure SQL Server in the cloud.</p>
ABW897	SQL for BI & Data Science	3	Foundation	Instructor Led	<p>In this course we examine the relational database and how to construct simple tables and relationships. We learn about the SQL language. We examine some of the methods using in BI & Data Science. The exercises will be performed in an Azure SQL Server in the cloud. (This training incorporates the SQL & Relational Databases Fundamentals)</p>
2108	SQL Server Database Administration	4	Intermediate	Instructor Led	<p>Help protect your organization by using the knowledge gained in this course to correctly manage business databases. With this training, you learn the essential skills for administering SQL Server databases, and gain extensive experience using SQL Server tools to perform real-world administrative tasks with SQL Server Management Studio and Transact-SQL.</p>
134	SQL Server Integration Services (SSIS) Training for Business Intelligence	4	Intermediate	Instructor Led	<p>"In this SSIS training course, you gain the skills to improve business intelligence capabilities by automating complex migration tasks and auditing the success or failure of migration processes. In addition, you will learn to transform data among heterogeneous data sources &mdash; such as text files, Oracle, Access, XML, XML, ODBC, and OLE DB &mdash; and effectively and securely manage data migration across various platforms. Additionally, in this SSIS training course, you'll gain the skills to migrate and transform data with SQL Server Integration Services. You learn to solve data management problems by creating dynamic packages for migrating, processing, and reporting on data for business intelligence. Specifically, you learn to deploy packages to an SSIS server, assemble tasks to perform complex data migrations, and enhance package functionality with scripting."</p>
140	SQL Server Reporting Services	4	Intermediate	Instructor Led	<p>Gain an in-depth skillset to leverage on-premises SQL Server Reporting Services (SSRS) for extracting business intelligence from enterprise data. Attain the knowledge and skills to produce compelling reports with enhanced visualization features. This training course enables you to go beyond the limitations of legacy reporting to deliver and share information with others &mdash; when you want and how you want.</p>
532	SQL Server Transact-SQL Programming	4	Intermediate	Instructor Led	<p>Transact-SQL is integral to the power of SQL Server as its features allow developers to create scalable, distributed applications for meeting the demanding requirements of modern organisations. In addition to comprehensive coverage of Microsoft SQL Server, this training course provides you with the skills to create stored procedures and triggers and develop T-SQL that utilises SQL Server to the fullest.</p>
4559	Writing Powerful SQL Queries for SQL Server	1	Intermediate	Instructor Led	<p>Gain the skills to maximise the potential of SQL, formulate powerful, complex queries, and avoid common errors and pitfalls. This SQL Queries training course provides an understanding of possibilities and potential risks that could affect your organisation and is intended for users and developers who want to learn how to use the power of SQL queries for retrieving content from SQL Server databases.</p>

Course #	Course Title	Duration (Days)	Level	Delivery Type	Course Description
4551	Writing SQL Queries Training	1	Foundation	Instructor Led	Attend this Writing SQL Queries course and learn the essentials of the SQL language used by all relational database products. In this course, you gain the knowledge and skills to write SELECT statements for data retrieval. This SQL query writing course is intended for users and developers who are new to the technology and interested in getting started with the SQL language.
4550	Writing SQL Queries with SQL Server Management Studio	1	Foundation	Instructor Led	"This SQL Server Management Studio course will teach you to write SQL queries and learn the basics of SELECT, INSERT, UPDATE, and DELETE statements. SQL Server Management Studio helps ease the learning curve of SQL with the Query Designer and Query Window and is a good starting point for those wanting to learn SQL. Learn to leverage all it has to offer in this intensive 1-day course. SQL Server Management Studio helps ease the learning curve of SQL with the Query Designer and Query Window and is a good starting point for those wanting to learn SQL. In this training course, you learn the basics of SELECT, INSERT, UPDATE, and DELETE statements, and gain the skills to leverage SQL Server Management Studio for graphically designing SQL queries. No formal prerequisites are required to attend this course."
Web Development & Design					
2023	CHFI Certification - Computer Hacking Forensic Investigator Training CHFI v11	5	Intermediate	Instructor Led	"This EC-Council Computer Hacking Forensic Investigator (CHFI) certification course will prepare you to achieve this in-demand certification. Learn a detailed, methodological approach to computer forensics and evidence analysis, including Windows, Dark Web Forensics, Mobile Device and IoT Forensics. This CHFI certification course provides the necessary skills to perform effective digital forensic investigations and covers the primary tools and theories used by cyber forensic experts today. U.S. DoDM 8140.03 APPROVED BY DEPARTMENT OF DEFENSE"
522	CSS3 Responsive Web Design Training	4	Foundation	Instructor Led	"Attend this CSS3 Responsive Web Design course & learn how to build accessible and responsive web applications featuring a rich UI that adapts to the widest possible range of internet-capable devices. You will gain the design skills to create collapsible navigation, liquid layout content, accessible data tables and forms, all while adhering to WCAG level A, AA and AAA checkpoints. You will employ modern, mobile-first design techniques leveraging typography, flexbox, CSS3 functions and pseudo-selectors/elements, and explore CSS integration with modern JavaScript frameworks like Angular and jQuery."
4542	Getting Started with HTML and CSS	1	Foundation	Instructor Led	Attend this one-day, hands-on Introduction HTML and CSS training course to learn how to create web pages with HTML and CSS, design tables to display data, add images, and style pages. For those interested in developing dynamic web pages, this interactive one-day training course provides you with the foundational knowledge of HTML and CSS. This course also serves as a refresher in the basics of HTML and CSS.
2320	HTML5, CSS3, and JavaScript for Modern Web Development	4	Foundation	Instructor Led	"HTML5, CSS3 and JavaScript are the fundamental Web technologies that all web developers must know. This HTML5, CSS3 and JavaScript Training course is designed to review the basics and leverage modern features to enhance user experience across all devices, from desktop browsers to the latest smartphones and tablets. Throughout the course, participants will learn how to apply best practices for HTML markup, CSS styling, and JavaScript programming to create modern, feature-rich sites and use semantics to improve Search Engine Optimisation (SEO). This course covers a range of topics, including web standards, semantics, form validation, site design enhancements, fonts and animation and responsive design. After receiving a JavaScript primer and an introduction to jQuery, you'll leverage browser storage and JSON. Next, you'll leverage caching, geolocation, file I/O, drag-and-drop, messaging and web workers in programming. Draw images with Scalable Vector Graphics. Engage users with audio and video features. Programming experience with an object-oriented language is recommended for this course, and some familiarity with HTML and CSS is helpful."
4656	Introduction to Git	1	Foundation	Instructor Led	"Software developers, data scientists, and technical writers are all harnessing the power of Git. It's an essential component of a modern workflow where it's vital that you know what's changing and need to coordinate with colleagues and clients. Whether you're a beginner eager to learn the basics, or an experienced coder seeking a better grounding, our expert-led exercises and real-world examples will equip you with the skills to master version control using Git and GitHub. This course teaches the Git command-line. Using the command-line gives you access to the full power of Git, rather than the subset exposed by some of the graphical (GUI) tools. There is a proliferation of GUI tools, making it impossible to pick one. GitKraken is covered, briefly, as an example of a GUI tool. Mastering the Git command-line will equip you to use any GUI tool. The focus is on concepts, not tools."
4657	Introduction to React Native	1	Intermediate	Instructor Led	In this course, Introduction to Building Mobile Applications with React Native, students will learn to build and integrate user interfaces using React Native controls from various sources into a React application. The course covers essential concepts like creating dynamic pages with scrollable lists, handling form inputs, and implementing smooth navigation between components. By the end, students will have the skills to support native mobile functionality across multiple platforms.
940	Securing Web Applications, Services, and Servers Training	4	Intermediate	Instructor Led	"This Full Stack Cybersecurity Training for Web Apps and Services course provides in-depth, hands-on experience securing Web-based applications and their servers. You will gain in-depth experience securing web services and learn how to integrate robust security measures into the web application development process by adopting proven architectures and best practices. This web service security course includes the OWASP top 10 most critical web application security risks and how to remediate them."

Course #	Course Title	Duration (Days)	Level	Delivery Type	Course Description
1802	User Experience (UX) Design Training for Successful Software Development	3	Foundation	Instructor Led	A well-designed User Interface (UI) results in highly engaged and satisfied users. In this UX Design training course, you will create an optimal User Experience (UX) that merges functionality and usability in both desktop and mobile environments. This User Experience (UX) Design training will help you to understand the value of UX design, the input stakeholders must provide to the process, and what results they can expect. Learn to leverage interaction scripts, information architecture, wireframes, and interactive prototypes to implement an effective UX design process in your organisation.
Windows					
8659	Automating Administration with PowerShell Training (AZ-040)	5	Advanced	Instructor Led	"This PowerShell Training course provides students with the fundamental knowledge and skills to use PowerShell for administering and automating administration of Windows servers. This course provides students the skills to identify and build the command they require to perform a specific task. In addition, students learn how to build scripts to accomplish advanced tasks such as automating repetitive tasks and generating reports. This course provides prerequisite skills supporting a broad range of Microsoft products, including Windows Server, Windows Client, Microsoft Azure, and Microsoft 365. In keeping with that goal, this course will not focus on any one of those products, although Windows Server, which is the common platform for all of those products, will serve as the example of the techniques this course teaches."
2415	Introduction to Microsoft Configuration Manager	5	Intermediate	Instructor Led	In this Configuration Manager training course, you learn the skills for managing enterprises with Configuration Manager to keep your Windows systems up-to-date, healthy, and secure with Microsoft's state-of-the-art answer to enterprise Windows systems management.
8676	Microsoft 365 Endpoint Administrator Training (MD-102)	5	Intermediate	Instructor Led	"In this Microsoft 365 Endpoint Administrator Training (MD-102) course, students will learn to plan and execute an endpoint deployment strategy using contemporary deployment techniques and implementing update strategies. The course introduces essential elements of modern management, co-management approaches, and Microsoft Intune integration. It covers app deployment, management of browser-based applications, and key security concepts such as authentication, identities, access, and compliance policies. Technologies like Microsoft Entra, Azure Information Protection, and Microsoft Defender for Endpoint are explored to protect devices and data."
4670	The Power of PowerShell	1	Foundation	Instructor Led	In this one-day PowerShell training course, you will learn to automate common administrative tasks and to use the robust administrative tool to filter, sort, and manage information. You will gain the skills to leverage basic elements of Microsoft's PowerShell command syntax, and immediately begin using the PowerShell scripting language to administer Microsoft workstations and servers.
Red Hat Ansible					
RHA1	Network Automation with Red Hat Ansible Automation Platform + EX457	5	Intermediate	Instructor Led	Network Automation with Red Hat Ansible Automation Platform and Exam is designed for network administrators or infrastructure automation engineers who want to use network automation to centrally manage the switches, routers, and other devices in the organization's network infrastructure. Learn how to use Red Hat Ansible Automation Platform to remotely automate the configuration of network devices, test and validate the current network state, and perform compliance checks to detect and correct configuration drift.
RHA2	Introduction to Event-Driven Ansible	2	Intermediate	Instructor Led	Create, deploy, and configure Event-Driven Ansible to run automation code when triggered by events sent by your IT infrastructure. Introduction to Event-Driven Ansible (DO274) is designed for system administrators, DevOps engineers, and other technical professionals who want to learn how to create, deploy, and configure Event-Driven Ansible (EDA) to run automation code triggered by events sent by supported event sources such as monitoring systems, webhooks, and Apache Kafka. Write Ansible Rulebooks and use them in Event-Driven Ansible controller to react upon events and remediate or resolve infrastructure issues. Learn about key use cases as examples of how to use Event-Driven Ansible in your IT infrastructure. This course is based on Red Hat® Ansible Automation Platform 2.4.
RHA3	Managing Enterprise Automation with Red Hat Ansible Automation Platform + EX467	5	Intermediate	Instructor Led	Manage complex Red Hat Ansible automation workflows at scale and prevent single points of failure. Managing Enterprise Automation with Red Hat Ansible Automation Platform with exam (DO468) is for experienced Ansible automation engineers, DevOps practitioners, and Linux system administrators seeking to deploy, control, and support centralized automation execution on a large scale. Students will use Red Hat Ansible Automation Platform 2 to scale up Ansible automation. They will deploy automation controller to centrally manage automation workflows, automation mesh to scale up and distribute execution capacity, and private automation hub to manage Ansible Content Collections and automation execution environments for use by automation developers. Large scale automation cluster design and approaches to ensure high availability of Ansible Automation Platform will also be discussed.
RHA4	Managing Enterprise Automation with Red Hat Ansible Automation Platform	5	Intermediate	Instructor Led	Manage complex Red Hat Ansible automation workflows at scale and prevent single points of failure. Managing Enterprise Automation with Red Hat Ansible Automation Platform (DO467) is for experienced Ansible automation engineers, DevOps practitioners, and Linux system administrators seeking to deploy, control, and support centralized automation execution on a large scale. Students will use Red Hat Ansible Automation Platform 2 to scale up Ansible automation. They will deploy automation controller to centrally manage automation workflows, automation mesh to scale up and distribute execution capacity, and private automation hub to manage Ansible Content Collections and automation execution environments for use by automation developers. Large scale automation cluster design and approaches to ensure high availability of Ansible Automation Platform will also be discussed.

Course #	Course Title	Duration (Days)	Level	Delivery Type	Course Description
RHA5	Red Hat Ansible Automation Platform Boot Camp	10	Intermediate	Instructor Led	Learn how to automate Linux system administration tasks with Red Hat Ansible Automation Platform and manage complex automation workflows at scale and prevent single points of failure. The Ansible Automation Platform Boot Camp (DO710) is designed for Linux administrators and developers who need to automate repeatable and error-prone steps for system provisioning, configuration, application deployment, and orchestration. Learn recommended practices for automation development using reusable code, advanced playbook techniques, shared execution environments, and preparing for scalable automation with the automation content navigator. Deploy automation controller to centrally manage automation workflows, automation mesh to scale up and distribute execution capacity, and private automation hub to manage Ansible Content Collections and automation execution environments for use by automation developers. This collection of courses is based on Red Hat Ansible Automation Platform 2.2. As part of enrollment, you will receive one year of Red Hat Learning Subscription Standard, which gives you unlimited access to all of our courses online, plus up to five certification exams.
RHA6	Microsoft Windows Automation with Red Hat Ansible Automation Platform	5	Intermediate	Instructor Led	Introduction to performing core system administration tasks by creating and running automation for a Windows Server using Red Hat Ansible Automation Platform. Microsoft Windows Automation with Red Hat Ansible Automation Platform (DO417) is designed for System administrators, DevOps engineers, and developers who want to learn how to automate the deployment and management of Microsoft Windows servers and applications hosted on them using Red Hat Ansible Automation Platform. This course is based on Red Hat® Ansible Automation Platform 2.4.
RHA7	Red Hat Ansible for Network Automation (DO457)	5	Intermediate	Instructor Led	"Network Automation with Red Hat Ansible Automation Platform (DO457) is designed for network administrators or infrastructure automation engineers who want to use network automation to centrally manage the switches, routers, and other devices in the organization's network infrastructure. Learn how to use Red Hat Ansible Automation Platform to remotely automate the configuration of network devices, test and validate the current network state, and perform compliance checks to detect and correct configuration drift. This course is based on Red Hat® Ansible Automation Platform 2.3 Following course completion, you will receive a 45-day extended access to hands-on labs for any course that includes a virtual environment."
Aruba					
CAM1	Configuring Mobility with AOS-8 Level 1 (CAM1)	3	Intermediate	Instructor Led	This course teaches the knowledge, skills and practical experience required to set up and configure a basic Aruba WLAN utilizing the OS 8.X architecture and features. Using lecture and labs, this course provides the technical understanding and hands-on experience of configuring a single Mobility Master with one controller and AP Aruba WLAN. Participants will learn how to use Aruba hardware and ArubaOS to install and build a complete, secure controller network with multiple SSIDs.
CAM2	Configuring Mobility with AOS-8 Level 2 (CAM2)	5	Intermediate	Instructor Led	This course teaches the knowledge, skills and practical experience required to set up and configure advanced features on Aruba WLAN utilizing the AOS 8.X architecture and features. This course includes lectures and labs which provide the technical understanding and hands-on experience of configuring a redundant Mobility Master with two controllers and two APs. Participants will learn how to install a redundant Aruba WLAN network with clustering while using many features like Multizone for guest access, voice optimization and tunneled node. This course includes the AirWave management system and troubleshooting commands. The SWDI course provides the underlying material required to prepare candidates for the Aruba Certified Mobility Professional (ACMP) V8 certification exam.
CAM3	Configuring Mobility with AOS-8 Level 3 (CAM3)	5	Intermediate	Instructor Led	This 5-day advanced level course covers Aruba technologies for designing mobility first networks using AOS8. Participants will learn how to strategize their implementation and configuration and how to use their troubleshooting methodologies successfully. This course teaches how to take a complex scenario and break it down into manageable blocks while still managing your time accordingly. This course is approximately 35% lecture and 65% hands-on lab scenario-based exercises.
ACAF	Campus Access Fundamentals (ACAF)	5	Intermediate	Instructor Led	This course teaches you the fundamental knowledge, skills, and practical experience required to configure and manage modern, open standards-based networking solutions using Aruba's wired, wireless, security and management technologies. This course consists of approximately 60% lecture and 40% hands-on lab exercises to help you learn how to implement and validate small-to-medium enterprise network solutions. This 5-day course prepares you for the Aruba Certified Associate - Campus Access exam.
IACA	Implementing Campus Access (IACA)	5	Intermediate	Instructor Led	This course teaches you the advanced skills necessary to implement and operate enterprise-level Aruba Campus Access solutions. You will build on the skills you learned at the Associate level to configure, secure, and manage modern, open standards-based wired and wireless network solutions using Aruba's switching, mobility, security, and management technologies. In this course, participants learn about technologies including but not limited to: secure port access with Aruba's dynamic segmentation, redundancy technologies such as Multiple Spanning Tree Protocol (MSTP), link aggregation techniques, including Link Aggregation Control Protocol (LACP) and switch virtualization with Aruba's Virtual Switching Extension (VSX) and Aruba's Virtual Switching Framework (VSF). This course is approximately 50% lecture and 50% hands-on lab exercises.

Course #	Course Title	Duration (Days)	Level	Delivery Type	Course Description
AACAS	Advanced Campus Access for Switching (AACAS)	5	Advanced	Instructor Led	"This course covers the highest level of expertise for HPE Aruba Networking wired and wireless solutions, including the ability to implement and optimize enterprise-level HPE Aruba Networking campus access solutions. Attending this training will enable you to interpret complex network architectures and customer requirements to implement, monitor, troubleshoot, and optimize multi-vendor network solutions. Training attendees are encouraged to use critical thinking skills to resolve complex issues in the environment that are beyond the expertise of the professional-level integrator. While performing primary tasks, candidates will also need to demonstrate the highest level of strategic thinking and problem-solving. This course prepares to the Aruba Certified Campus Access Switching Expert written and practical exams."
AACAM	Advanced Campus Access for Mobility (AACAM)	5	Advanced	Instructor Led	"This 5-day advanced level course teaches you the HPE Aruba Networking campus access technologies, focusing on the mobility (80%) and the switching (20%) aspects of the network. You will learn how to: Strategize the implementation and configuration of HPE Aruba Networking campus access to get the most of the solutions. Use their troubleshooting methodologies successfully. Take complex scenarios and break them down into manageable blocks to provide the customer with the best possible outcomes."
IAOS	Introduction to AOS-10 (IAOS10)	2	Introduction	Instructor Led	This 2-day course prepares participants with the foundational skills related to HPE Aruba Networking AOS-10. This course includes both instructional modules and labs to teach participants about the major features of AOS-10. Participants will learn how to deploy with HPE Aruba Networking access points and gateways. Participants will gain insight into configuring tunnel forwarding modes and microbranch. Participants will see how cloud services provide upgrade services, key management, and central licensing.
ICXS	Implementing AOS-CX Switching (ICXS)	5	Intermediate	Instructor Led	"This 5-day course prepares you for the updated AOS-CX switching-based ACP - Switching certification exam (Exam Code: HPE7-A08). Attending this course will teach you the advanced skills necessary to implement and operate enterprise-level HPE Aruba Networking switching solutions. You will build on the skills you learned at the Associate level to configure and manage modern, open standards-based networking solutions using HPE Aruba Networking AOS-CX routing and switching technologies. In this course, you will learn about AOS-CX switch technologies: Securing port access with HPE Aruba Networking Dynamic Segmentation Redundancy technologies such as Multiple Spanning Tree Protocol (MSTP) Link aggregation techniques, including Link Aggregation Protocol (LACP) Switch virtualization with HPE Aruba Networking Virtual Switching eXtension (VSX) and HPE Aruba Networking Virtual Switching Framework (VSF) "
CXSF	AOS-CX Switching Fundamentals (CXSF)	5	Intermediate	Instructor Led	"This course prepares you for the updated AOS-CX switching-based ACA - Switching certification exam (HPE6-A86). Attending this course will teach you the fundamental skills to configure and manage modern, open standard-based networking solutions using HPE Aruba Networking's AOS-CX routing and switching technologies. This 5-day course consists of approximately 60% lecture and 40% hands-on lab exercises to help you understand how to implement and validate small to medium enterprise network solutions. In this course, you will learn AOS-CX switch technologies such as: Virtual Local Area Networks (VLANs) Redundancy technologies such as Multiple Spanning Tree Protocol (MSTP) Link aggregation techniques, including Link Aggregation Control Protocol (LACP) Switch virtualization with HPE Aruba Networking Virtual Switching Framework (VSF). You also learn about IP Routing, including static and dynamic routing with Open Shortest Path First (OSPF)."
AAXSTS	Advanced AOS-CX Switching (AAXSTS)	5	Advanced	Instructor Led	"This 5-day course prepares you for the HPE Aruba Networking AOS-CX based ACX - Switching certification exams (Written Exam Code: HPE7-A09 and Practical Exam Code: HPE4-A53). Attending this course will teach you the advanced skills necessary to implement and operate enterprise-level HPE Aruba Networking switching solutions. You will build on the skills you learned at the Professional level to configure and manage modern, open standards based networking solutions using HPE Aruba Networking AOS-CX routing and switching technologies. In this course, you will learn about AOS-CX switch technologies, such as: Switch virtualization with HPE Aruba Networking Virtual Switching eXtension (VSX) Redundancy technologies such as Multiple Spanning Tree Protocol (MSTP) Link aggregation techniques, including Link Aggregation Protocol (LACP) Securing port access with HPE Aruba Networking Dynamic Segmentation "
CDCNCX	Configuring Data Center Networks with AOS-CX (CDCNCX)	3	Intermediate	Instructor Led	The Configuring Data Center Networks with Aruba OS CX course provides you with the skills and knowledge to design, implement, and configure complex data center solutions based on the Aruba AOS CX Switches. Data center networks are at a breaking point. Aruba offers a new architectural approach that provides simplified, scalable and automated connectivity for virtualized compute, storage and cloud. Data center networking requirements have evolved rapidly, with emerging technologies increasingly focused on supporting more automation and simplified operations in virtualized data centers. Aruba data center solutions and technologies such as Virtual Switching Extension (VSX) allow the grouping Data Center switches for simpler management, but keeping its control and data planes separate for better high availability. Ethernet Virtual Private Networks (EVPN) allows the creation of modern two-layered data centers for business resilience and high availability. This course is approximately forty percent lecture and learning activities and sixty percent lab activities

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IDCN	Implementing Data Center Networks (IDCN)	5	Intermediate	Instructor Led	The Implementing Data Center Networks course provides the skills and knowledge to design, implement, and configure complex data center solutions based on AOS-CX switches. Data center networks are at a breaking point. HPE offers a new architectural approach that provides simplified, scalable, and automated connectivity for virtualized compute, storage, and cloud. Data center networking requirements have evolved rapidly, with emerging technologies increasingly focused on supporting more automation and simplified operations in virtualized data centers. This course will explain the HPE Aruba Networking solutions and technologies for data center networks and their use cases for traditional two and three-tier and modern spine and leaf data center architectures. These course prepares you to the HPE7-A05 - Aruba Certified Data Center Professional Exam
DACAS	Designing HPE Campus Access Solutions (DACAS)	4	Intermediate	Instructor Led	This course helps architects to gain the skills required to design an HPE Aruba Networking Campus Access switching solution. An architect is an IT professional proficient in interpreting technical requirements to create and design secure, redundant, scalable, resilient, or high-performing infrastructure-consistent with appropriate validated solution guide per business needs. Architects are able to interpret complex requirements and constraints to design an optimal HPE Aruba Networking solution. The candidate can take HPE Aruba Networking solutions and articulate the business value to multiple stakeholders. The architect needs to have vast technical knowledge across the products and solutions. These solutions may require a migration and/or deployment strategy from/into an existing architecture. They need to understand the design implications of third-party interoperability (hardware/software). Additionally, the candidate will have extensive experience building solutions and optimizing applications and workloads.
DADCS	Designing HPE Data Center Solutions (DADCS)	4	Intermediate	Instructor Led	"This course helps architects to gain the skills required to design an HPE Aruba Networking Data Center switching solution. An architect is an IT professional proficient in interpreting technical requirements to create and design secure, redundant, scalable, resilient, or high-performing infrastructure-consistent with appropriate validated solution guide per business needs. Architects are able to interpret complex requirements and constraints to design an optimal HPE Aruba Networking solution. Candidates for this course have vast technical knowledge of HPE Aruba Networking solutions and can articulate their business value to multiple stakeholders. These solutions may require a migration and/or deployment strategy from/into an existing architecture. They need to understand the design implications of third-party interoperability (hardware/software). Additionally, candidates will have extensive experience building solutions and optimizing applications and workloads."
ANSF	Network Security Fundamentals (ANSF)	5	Intermediate	Instructor Led	The HPE Aruba Networking Security Fundamentals, Rev. 24.41 course teaches you foundational security concepts and prepares you to take the exam to achieve the ACA - Network Security (ACA-NS) certification. The course describes common security threats and vulnerabilities and provides an overview of important security technologies. You will learn how to create a trusted network infrastructure with HPE Aruba Networking mobility solutions and switches. In addition to discussing device hardening, the course covers implementing security at the edge with AAA, basic roles and firewall policies, dynamic segmentation, and endpoint classification. The course will further explain basic threat detection technologies and how to collect logs and alarms, and use them to initiate an investigation.
IANS	Implementing Network Security (IANS)	5	Intermediate	Instructor Led	"This course covers intermediate security concepts and prepares you for the ACP - Network Security (ACP-NS) certification exam. This training will help administrators use the HPE Aruba Networking portfolio to implement a Zero Trust Security (ZTS) protection model for their networks. Attending the course will teach you how to: Configure HPE Aruba Networking infrastructure with ClearPass solutions to authenticate/control both wired & wireless users, as well as remote users through Security Service Edge (SSE). Collect contextual information with ClearPass Policy Manager (CPPM) & implement advanced role mapping as well as enforcement policies. Use ClearPass Device Insight to enhance visibility. Set up features such as the AOS-CX Network Analytics Engine (NAE), HPE Aruba Networking Wireless IDS/IPS (WIDS/WIPS), & gateway IDS/IPS. Investigate alerts."
AANSTS	Advanced Network Security (AANSTS)	5	Advanced	Instructor Led	This course helps you prepare for HPE Aruba Networking Certified Network Security Expert certification exams. The training offers advanced ways of using HPE Aruba Networking solutions to enforce Zero Trust Security. With a heavy emphasis on scenario-based lab activities, the course covers topics such as designing and implementing role-based access controls, integrating HPE Aruba Networking solutions with third-party products, and detecting and mitigating threats. Additionally, you will learn to integrate HPE Aruba Networking's SASE solutions.
CPC	HPE Aruba Networking ClearPass Configuration (CPC)	5	Intermediate	Instructor Led	The 5-day HPE Aruba Networking ClearPass Configuration course prepares you with foundational skills in Network Access Control using the ClearPass product portfolio. This course includes both instructional modules and labs to teach you about the major features of the ClearPass portfolio. You will learn how to set up ClearPass as an AAA server, and configure the Policy Manager, Guest, OnGuard, and Onboard feature sets. In addition, this course covers integration with external Active Directory servers, monitoring and reporting, as well as deployment best practices. The student will gain insight into configuring authentication with ClearPass on both wired and wireless networks
CPAC	HPE Aruba Networking ClearPass Advanced Configuration (CPAC)	5	Intermediate	Instructor Led	In the 5-day HPE Aruba Networking ClearPass Advanced Configuration course, you will learn how to design, deploy, and troubleshoot several aspects of the ClearPass security product. This course includes both instructional modules and hands-on labs to teach you about advanced features of the ClearPass portfolio.

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ODSA	Orchestrating Distributed Services with CX 10000 Series (ODSACX10KS)	2	Intermediate	Instructor Led	This 2-day course teaches students how the Aruba CX 10000 Switch can improve data center network (DCN) security and performance. Students will learn why the CX 10000 Switch is unique and how its placement in the DCN will dynamically change the performance and security. Students will learn how and where to install the CX 10000 Switch. Through the Aruba Fabric Composer, students will create and configure their entire network, as well as create and apply policy, including micro-segmentation. Using AMD Pensando PSM, students will understand how it integrates with Aruba Fabric Composer and the CX Switch, and they will be able to monitor switches and policy performance.
	Advanced Network Management with HPE Aruba Networking Central (AMACC)	2	Advanced	Instructor Led	This 2-day course teaches students how Aruba Central services can improve network visibility, security, and automation. Students will learn how Client Insights gives the network administrator deep knowledge about the devices connected to the network and how they behave. Through the integration of Cloud Auth and cloud identity stores, such as Azure AD and Google Workspace, Aruba Central can provide user and client access policy on any managed network with no extra hardware or on-prem authentication server. Students will also learn more about the Aruba Central API options and capabilities.
ODCNAFC	Orchestrating Data Center Networks with HPE Aruba Networking Fabric Composer (ODCNAFC)	3	Intermediate	Instructor Led	Aruba Fabric Composer allows a network administrator to orchestrate data center fabrics using a guided, step-by-step approach. Aruba Fabric Composer applies best practice configurations and ensures a fast and error-free deployment. This course will help a student understand and use Aruba Fabric Composer in a datacenter environment.
CASDB	Configuring HPE Aruba Networking SD-Branch (CASDB)	4	Intermediate	Instructor Led	This 4-day course offers the knowledge, skills and practical experience needed to set up, configure, and troubleshoot an HPE Aruba Networking EdgeConnect SD-Branch and Microbranch installation. Through a combination of lectures and labs, this course delivers the technical understanding and hands-on experience required for configuring an EdgeConnect SD-Branch deployment with multiple WAN uplinks and branch redundancy. Participants will learn to use the HPE Aruba Networking Central to configure SD-WAN functionalities. This course also explores the integration of the EdgeConnect SD-Branch solution with Secure Service Edge (SSE).
CANAS	Configuring Network Automation Solutions (CANAS)	4	Intermediate	Instructor Led	The Configuring Aruba Network Automation Solutions course is structured to help students better understand Aruba network automation solutions. This course is designed to build a solid foundation for the network administrator or engineer entering the world of coding, scripting, and automation. After completing this course, students will have intelligent conversations with their automation team and close the gap between the automation and networking teams. This course teaches the essentials of Python, REST API, Ansible, and working knowledge. In addition, this course teaches the framework and the workflow of Aruba Python modules, Aruba SDK, and Ansible roles and collections. This course is approximately 40% lecture and 60% hands-on lab exercises. This course is 3-days instructor-led with one extra day of lab time after the course.
MCNAC	Network Management with HPE Aruba Networking Central (AOS-8) (MCNAC)	2	Intermediate	Instructor Led	"The HPE Aruba Networking Central 2-day course covers the campus cloud-based management system that lets you centrally manage and monitor wired and wireless networks. This course covers the HPE Aruba Networking Central management service, including options for onboarding devices by managing Instant Access Points and switches both as a standalone customer or as an Managed Service Provider. Participants will view the advanced analytic services and connectivity health of devices and clients, providing insights into Wi-Fi analytics for smart business decisions. Participants will learn how to simplify visitor access management with a fully secure and scalable guest access solution including guest cloud services. This course also provides students the knowledge, skills, and practical experience required to set up, configure, and manage a network as a service offering. Through lecture and hands-on labs, students will discover the alert management, device connectivity, network health, and user account activity with HPE Aruba Networking Central.
MACC	Network Management with HPE Aruba Networking Central (AOS-10) (MACC)	3	Intermediate	Instructor Led	This 3 day course teaches students how HPE Aruba Networking Central, HPE's cloud-based network management system, enables IT staff to manage and monitor both wired and wireless environments. This course includes topics such as HPE Aruba Networking Central REST API and teaches students MSP features within HPE GreenLake. Students will learn how to simplify the onboarding and provisioning process for new network devices, such as HPE Aruba Networking access points, switches, and gateways. This course teaches learners how VisualRF integrates with HPE Aruba Networking Central and how to configure traditional Instant APs (AOS-8) and AOS-10 APs with HPE Aruba Networking Central as well as and how to leverage other value-added network services such as guest access, AIOps, contact tracing, and presence analytics. Students will learn several best practices for administration, monitoring, troubleshooting, and reporting services which help them proactively assess and improve network performance. This course includes training and hands-on labs.
MCNAA	Managing Campus Networks with the Airwave Management Platform (MCNAA)	3	Intermediate	Instructor Led	This hands-on course prepares you with the knowledge and experience required to install and use the AirWave Wireless Management Suite: AirWave Management Platform (AMP), RAPIDS, Visual RF, network health diagnostics, client troubleshooting, alerts and reporting. In this course, you learn about AirWave's capabilities in troubleshooting network health and client status via the various stages of association and authentication, as well as redundancy and master consoles for large networks.

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Nutanix					
NHCF	Nutanix Hybrid Cloud Fundamentals (NHCF)	2	Foundation	Instructor Led	The Nutanix Hybrid Cloud Fundamentals course introduces you to the products, capabilities, and technologies that serve as the foundation of Nutanix's Hybrid Cloud solution. Begin by exploring the history of this technology space, including different types of clouds, and how on-prem and public infrastructures came together to create hybrid operating models. Then, delve deeper into essential Nutanix products – AOS, AHV, and Prism – while discussing how these products were designed to solve business challenges. And conclude by discussing certain fundamental aspects involved in operating the Nutanix Hybrid Cloud, such as cluster updates, managing virtual machines, reporting and performance metrics, and more.
ECA	Nutanix - Enterprise Cloud Platform Administration (ECA)	4	Intermediate	Instructor Led	If you already have experience administering a Nutanix environment, this course will extend, deepen and broaden your knowledge as you grow in your career as a Nutanix administrator. In Nutanix Enterprise Cloud Administration, you'll focus on Prism Central. This course provides a comprehensive look at Nutanix centralized management capabilities and allows you to explore the wide variety of features that are available in this web console.
MNC	Managing Nutanix Clusters (MNC)	4	Intermediate	Instructor Led	"Upon completion of this course the student should be able to: Configuring a multi-node cluster Working with Prism Element Deploying and working with Prism Central Perform basic CLI actions Creating and managing Storage Containers Protecting data using Snapshots and Protection Domains Describe the LCM service and the upgrade process"
INHCI	Introducing Nutanix HCI (INHCI)	2	Foundation	Instructor Led	The goal of this course is to enable you to create Virtual Machines (VMs) perform basic VM management tasks monitor the various elements of a Nutanix cluster.
LTFNA	Linux Training for (future) Nutanix Administrators (LTFNA)	2	Intermediate	Instructor Led	This training is not a Linux fundamentals training like any other Linux fundamentals training. This training will focus on Linux knowledge relevant for managing Nutanix Cluster(s). It will be conducted with a minimum of slide presentations, many demonstrations and room for exercises.
AAPMX	Nutanix - Advanced Administration & Performance Management (AAPMX)	4	Intermediate	Instructor Led	"If you are an experienced Nutanix administrator, this course will serve as a deep dive that gives you a rich, nuanced understanding of the Nutanix platform, and will help you get the most out of your Nutanix solutions. AAPM is divided into six major sections, each focused on performance improvements and advanced administration techniques for different aspects of your clusters: Storage: Take a deep dive into AOS storage services, different aspects of Acropolis Distributed Storage, storage optimization, and storage best practices for application workloads. Networks: Learn how to optimize physical and virtual workloads, as well as how to implement Flow Virtual Networking and Virtual Private Clouds (VPCs). VMs: Learn about sizing the CVM and Prism Central VMs, alternate methods of VM provisioning (such as via CLI), how to work with GPUs, and how to improve VM storage and network performance. Security: Understand important features such as authentication, RBAC, IAM, and encryption. Learn how to use essential security products, such as Flow Security Central and Flow Network Security. Analyzing Problems: Explore ways to monitor and identify health issues, network performance, VM performance, and cluster performance. Business Continuity and Disaster Recovery: Learn about Nutanix data backup, web-scale data protection, protection from ransomware, self-service restore, and third-party integrations. You will also learn how to use protection domains and Nutanix Leap for disaster recovery."
VMWare					
1671	VMware Horizon: Deploy and Manage [V8.8)	5	Intermediate	Instructor Led	This five-day course gives you the hands-on skills to deliver virtual desktops and applications through a single virtual desktop infrastructure platform. You build on your skills in configuring and managing VMware Horizon® 8 through a combination of lecture and hands-on labs. You learn how to configure and deploy pools of virtual machines and how to provide a customized desktop environment to end-users. Additionally, you learn how to install and configure a virtual desktop infrastructure platform. You learn how to install and configure VMware Horizon® Connection Server™, VMware Unified Access Gateway™, how to configure a load balancer for use with Horizon, and how to establish Cloud Pod Architecture.
1743	VMware vSphere Training	5	Intermediate	Instructor Led	The VMware vSphere Training course outline covers important aspects of virtualization in data centers, with a focus on VMware products. Participants will learn how to install vCenter Server and use the server update planner to update it. They'll also learn how to configure replication for protected virtual machines and recover virtual machines using recovery points. By the end of the course, attendees will be brought up to speed on key virtual machine concepts.

Course #	Course Title	Duration (Days)	Level	Delivery Type	Course Description
VSICM8	VMware vSphere: Install, Configure, Manage [V8] (VM-VSICM8)	5	Intermediate	Instructor Led	"This five-day, extended hour course takes you from introductory to advanced VMware vSphere® 8 management skills. Building on the installation and configuration content from our best-selling course, you will also develop advanced skills needed to manage and maintain a highly available and scalable virtual infrastructure. Through a mix of lecture and hands-on labs, you will install, configure, and manage vSphere 8. You will explore the features that build a foundation for a truly scalable infrastructure and discuss when and where these features have the greatest effect. This course prepares you to administer a vSphere infrastructure for an organization of any size using vSphere 8, which includes VMware ESXi™ 8 and VMware vCenter Server® 8"
VSOSS	Vmware Vsphere: Operate, Scale And Secure [V8]	5	Intermediate	Instructor Led	This five-day course teaches you advanced skills for configuring and maintaining a highly available and scalable virtual infrastructure. Through a mix of lecture and hands-on labs, you configure and optimize the VMware vSphere 8 features that build a foundation for a truly scalable infrastructure. You also discuss when and where these features have the greatest effect. Attend this course to deepen your understanding of vSphere and learn how its advanced features and controls can benefit your organization.
VSFT	VMware vSphere: Fast Track [V8] (VM-VSFT8)	5	Intermediate	Instructor Led	"This five-day, extended hour course takes you from introductory to advanced VMware vSphere® 8 management skills. Building on the installation and configuration content from our best-selling course, you will also develop advanced skills needed to manage and maintain a highly available and scalable virtual infrastructure. Through a mix of lecture and hands-on labs, you will install, configure, and manage vSphere 8. You will explore the features that build a foundation for a truly scalable infrastructure and discuss when and where these features have the greatest effect. This course prepares you to administer a vSphere infrastructure for an organization of any size using vSphere 8, which includes VMware ESXi™ 8 and VMware vCenter Server® 8"
ServiceNow					
2540	ServiceNow Administration Fundamentals (SNAF) Training	3	Foundation	Instructor Led	ServiceNow Administration Fundamentals (SNAF) is the starting point for system administrators to begin their ServiceNow journey into the realm of administering the ServiceNow platform. Extensive and interactive lessons and hands-on labs guide learners through the core concepts needed to establish and build upon common system administration concepts and skills.
2520	ServiceNow Adopting a Platform Owner Mindset (APOM) Training		Intermediate	Instructor Led	"The role of a Platform Owner is as much a leadership role as it is a technical role. A Platform Owner needs to be a trusted advisor to the business, find opportunities where the ServiceNow platform can drive value and find efficiencies across an organization, consult with business leaders on their needs and requests, ensure good governance of the platform is set up and executed well, and ensure the workforce is prepared to adopt all the platform has to offer. This workshop focuses on the leadership qualities of the role, and therefore is different than most other ServiceNow courses. It is not a technical workshop, but a leadership workshop, focusing on the mindset and the power skills one must have to be an effective Platform Owner."
2521	ServiceNow Application Development Fundamentals Training	3	Intermediate	Instructor Led	During this three-day interactive training course, attendees will attend training and do lab work to support application creation in ServiceNow. Attendees will build an award-winning loaner equipment application by working through a checklist of considerations for application creation. The checklist includes decisions, such as creating an application table vs. extending an existing table and determining how users will interact with the application. Detailed labs support the topics covered in class and reinforce best practices.
2522	ServiceNow Configuration Management Database (CMDB) Fundamentals Training	3	Foundation	Instructor Led	Embark on a 3-day interactive journey to master the ServiceNow CMDB. This course covers essential design principles and techniques, including solutions for automating data ingestion, governance, and gaining insight from the data in a healthy CMDB.
2524	ServiceNow Discovery Fundamentals Training	3	Intermediate	Instructor Led	ServiceNow Discovery lays the groundwork for mature infrastructure operations management. Using probes, sensors, and discovery patterns, this ITOM application captures IP-enabled configuration items (CIs), and maps their relationships and dependencies, in your ServiceNow CMDB.
2526	ServiceNow GRC: Integrated Risk Management (IRM) Implementation Training	3	Intermediate	Instructor Led	In this course, attendees gain practical skills for the effective implementation of several core ServiceNow GRC applications. A combination of lecture, group discussions and activities, and hands-on lab activities helps attendees develop their skills.
2527	ServiceNow GRC: Third-party Risk Management (TPRM) Implementation Training	2	Intermediate	Instructor Led	This two-day course covers the domain knowledge, common implementation technical aspects, and various processes needed to effectively manage a Third-Party Risk Management (TPRM) implementation. Attendees will learn and practice various tactical skills and strategies that will better prepare them to implement RM. Through lectures, group discussion, hands-on labs and demonstrations, participants build on existing knowledge and skills by applying implementation best practices.

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2528	ServiceNow Hardware Asset Management (HAM) Fundamentals Training	3	Foundation	Instructor Led	This three-day training course aims to introduce you to the ServiceNow® ITSM Asset Management and Hardware Asset Management (HAM) products and familiarize you with techniques and best practices for creating and managing hardware assets and consumables throughout their lifecycle. The session format will alternate between discussions and labs giving you an opportunity to explore the application and apply the concepts learned.
2529	ServiceNow Human Resources (HR) Fundamentals Training	2	Intermediate	Instructor Led	The ServiceNow® Human Resources Service Delivery (HRSD) application automates standard HR processes within your organization to eliminate the number of checklists, email exchanges, and phone calls performed by the HR team.
2531	ServiceNow IT Service Management (ITSM) Fundamentals Training	2	Foundation	Instructor Led	IT Service Management (ITSM) is a concept that involves delivering IT services to customers and users. Most IT services are centered around technology and the support and maintenance activities that must occur to operate and maintain the technology. In this course, users will learn core ServiceNow ITSM process lifecycles and the value of ServiceNow ITSM applications for managing IT Services.
2532	ServiceNow IT Service Management (ITSM) Implementation Training	3	Intermediate	Instructor Led	IT Service Management (ITSM) is a concept that involves delivery of IT services to customers and users. Most IT services are centered around technology and the support and maintenance activities that must occur to operate and maintain the technology. The ServiceNow ITSM Implementation course puts those basic capabilities to use. It provides practical skills that may be applied immediately to accelerate ITSM implementations. This course aligns with common and practical implementation scenarios and challenges when configuring a ServiceNow instance for implementation, using a low-code or no-code approach.
2534	ServiceNow Platform Analytics (PA) Fundamentals Training	2	Foundation	Instructor Led	Platform Analytics provides simple access to Key Performance Indicators (KPIs) and metrics for proactive business service improvement. In this two-day interactive technical training, attendees master the setup, configuration, and usage of the Platform Analytics application.
2541	ServiceNow Platform Implementation Training	3	Intermediate	Instructor Led	The ServiceNow Platform Implementation course is for customers, partners, and employees in technical roles such as Implementer, Technical Consultant, Architect, and System Administrator who implement ServiceNow platform functionality and applications.
2536	ServiceNow Security Incident Response Implementation (SIRI) Syllabus	3	Intermediate	Instructor Led	This course covers Security Incident Response essentials such as What Security Incident Response is, why customers need Security Incident Response, and how to properly implement Security Incident Response. Participants will learn the common technical aspects of a Security Incident Response implementation as well as experience various processes to effectively manage a Security Incident Response implementation. Additionally, participants will learn tactical skills and strategies which will better prepare them to implement Security Incident Response in a scalable, repeatable, and efficient manner.
2537	ServiceNow Security Operations (SecOps) Fundamentals Training	2	Intermediate	Instructor Led	Using Security Operations, security analysts and vulnerability managers can seamlessly automate their security tools and communicate with IT by working in a unified platform. This course is designed for Security Operations administrators, ServiceNow administrators, and consultants who need to configure and administer ServiceNow Security Operations applications. Learners attending the course can expect to learn how to leverage Security Operations applications to improve their organization's security maturity by identifying, prioritizing, and remediating vulnerabilities, critical security incidents, and misconfigured assets.
2538	ServiceNow Service Portal Fundamentals Training	2	Foundation	Instructor Led	A Service Portal provides an alternative user experience to the standard platform interface. The Service Portal application offers the tools needed to configure, customize, and extend portal components to create an online experience like what your users have come to expect. During this two-day interactive training course, you learn how to use the Service Portal application to configure, customize, and extend components to create a Service Portal in your own student instance.
2542	ServiceNow Software Asset Management (SAM) Professional Fundamentals Training	3	Intermediate	Instructor Led	This three-day training course aims to introduce you to the ServiceNow® Software Asset Management Professional product and familiarize you with techniques and best practices for creating and managing software assets throughout their lifecycle. The session format will alternate between discussions and labs giving you an opportunity to explore the application and apply the concepts learned.
2543	ServiceNow Strategic Portfolio Management (SPM) Fundamentals Training	3	Foundation	Instructor Led	Strategic Portfolio Management is the process an organization uses to select, prioritize, and manage resources within its portfolio of programs, projects, and initiatives used to meet strategic goals and objectives. In this course, you will be introduced to the Strategic Portfolio Management (SPM) applications and learn how SPM encompasses a range of business capabilities, processes, and technological support aimed at enabling organizations to implement the three key attributes that help to see superior business results from their digital and technology-related investments: portfolio alignment, value-oriented decision-making, and continuous portfolio adaptability.
Google Cloud					
1464	Google Cloud Fundamentals: Core Infrastructure	1	Foundation	Instructor Led	This course uses lectures and labs to give you an overview of Google Cloud products and services. You learn the value of Google Cloud and how to incorporate cloud-based solutions into your business strategies.
1483	Google Vertex AI Agent Builder	1	Intermediate	Instructor Led	Vertex AI Agent Builder lets developers, even those with limited machine learning skills, tap into the power of Google's foundation models, search expertise, and conversational AI technologies to create enterprise-grade generative AI applications. In this course, you learn how to use Vertex AI Agent Builder to create search engines and chat applications. You will then explore how to integrate these search engines and chat applications into your own applications. Finally, you learn how to manage the tools built in Vertex AI Agent Builder in production.

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McAfee					
MCA1	McAfee Application Control and Change Control	4	Intermediate	Instructor Led	The Trellix Application and Change Control Administration course from Education Services provides in-depth training on the tools you need to efficiently install, configure, operate, and troubleshoot issues relating to TACC to safeguard intellectual property and ensure compliance. The course details how this solution uses Trellix ePolicy Orchestrator (Trellix ePO) for centralized management. It also explains how to use Application Control for dynamic allowlisting to ensure that only trusted applications run on devices servers, and desktops and how to use Change Control to monitor and prevent changes to the file system, registry, and user accounts.
MCA2	McAfee Data Loss Prevention Endpoint Administration (11.0)	4	Intermediate	Instructor Led	The Trellix Data Loss Prevention Endpoint Complete Administration course from Education Services provides in-depth training on the tools you need to design, implement, configure, and use Data Loss Prevention Endpoint Complete to safeguard intellectual property and ensure compliance. The course details how this solution uses Trellix ePolicy Orchestrator (Trellix ePO) software for centralized management. It also explains how to monitor and address risky, day-to-day end-user actions such as emailing, web posting, printing, clipboards, screen captures, device control, uploading to the cloud, and more.
MCA3	McAfee Endpoint Security Administration	4	Intermediate	Instructor Led	The Trellix Endpoint Security Administration course from Education Services provides an in-depth introduction to the tasks crucial to set up and administer Endpoint Security. Endpoint Security combines Threat Prevention, Adaptive Threat Protection, Firewall, and Web Control to take immediate action against potentially dangerous applications, downloads, websites, and files. This course combines lectures and practical lab exercises, with significant time allocated for hands-on interaction with the Endpoint Security user interface and policies, as well as detailed instructions for the integration of this solution.
MCA4	McAfee NATO Customised ENS, DLPO & EPO	5	Intermediate	Instructor Led	This course is a customised 5-day on-site consultancy engagement, aimed to provide in-depth training on the tools needed to design, implement, configure, and use McAfee to safeguard intellectual property and ensure compliance, introduction to anti-malware defence procedures and the core competencies of the McAfee suite, as well as a complete introduction to ePO console.
MCA5	McAfee VirusScan and ePolicy Administrator	4	Intermediate	Instructor Led	The Trellix ePolicy Orchestrator – On-prem Administration course from Education Services enables attendees to receive in-depth training on the benefits of the centralized management and deployment of products using ePolicy Orchestrator (ePO) software. Enabling administrators to fully understand the capabilities of their security solution not only reduces the risks of misconfiguration, but also ensures that an organization gets the maximum protection from installation. This course combines lectures and practical lab exercises, with significant time allocated for hands-on interaction with the ePO - On-prem interface.
SPLUNK					
SEDA	Splunk Enterprise Data Administration	3	Intermediate	Instructor Led	This 3 virtual day course is designed for system administrators who are responsible for getting data into Splunk Indexers. The course provides the fundamental knowledge of Splunk forwarders and methods to get remote data into Splunk indexers. It covers installation, configuration, management, monitoring, and troubleshooting of Splunk forwarders and Splunk Deployment Server components.
SESA	Splunk Enterprise System Administration	2	Intermediate	Instructor Led	This 2 virtual day course is designed for system administrators who are responsible for managing the Splunk Enterprise environment. The course provides the fundamental knowledge of Splunk license manager, indexers and search heads. It covers configuration, management, and monitoring core Splunk Enterprise components.

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