



# Artificial Intelligence Catalogue

AUTUMN 2025

# Welcome to the Course Catalogue

Abilways and Learning Tree are proud to present this curated selection of AI 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**.

With the introduction of the world's first comprehensive AI regulation, the EU AI Act was created to ensure AI is safe, ethical and trustworthy across all sectors. This will directly impact AI adoption, training and compliance.

**Abilways and Learning Tree's AI training curriculum is designed to help agencies**

- **Understand the regulatory landscape** and ethical requirements of AI in the public sector.
- **Build practical skills** for deploying, managing, and auditing AI systems.
- **Promote responsible innovation** while ensuring compliance.

## Relevant Curriculum Areas

SUBTOPIC	EXAMPLE COURSES	ALIGNMENT WITH EU AI ACT
<b>AI for Business Users &amp; Ethics</b>	Introduction to AI, BCS Foundation Certificate in AI, Demystifying AI & ML	Foundation for safe, ethical, and transparent AI use
<b>AI Risk Management &amp; Security</b>	AI Cybersecurity: Attack and Defend, ISACA Advanced in AI Security Management	Managing high-risk AI, compliance, and security
<b>Transparency &amp; Explainability</b>	Building Practical Skills in NLP & Generative AI, AI Testing Certification	Meeting transparency and explainability requirements
<b>AI for Public Sector &amp; Leadership</b>	AI Insights for Business Users in Government, AI for Leaders	Equipping leaders to implement AI responsibly in agencies
<b>Responsible AI Development</b>	Developing & Deploying AI Applications, AIOps Foundation Certification	Supporting innovation within regulatory boundaries

## Discover More:

A comprehensive list of our AI courses, along with course descriptions, can be found in the following pages. If you'd like to discuss your agencies requirements or explore how we can support your AI upskilling plans in more detail, our team is here to help.



## Contact Information

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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.

## AI for Leaders: Navigating and Leading in the AI Era Full-Day or 1.5-day Strategic Workshop

### Overall Goal

To equip EU leaders with the strategic insights, practical tools, and a shared vision to effectively navigate and lead their teams through the complexities of AI adoption and organizational transformation.

### Target Audience

Leaders (Maximum 8 participants)

### Duration

Full-Day or 1.5 Day (In-Person, Off-site)

**Module 1:** The Strategic AI Landscape & Leadership Imperatives (Approx. 90 min)

**Module 2:** AI's Organizational Impact & Readiness (Approx. 90-180 min)

**Lunch Break** (Approx. 60-120 min with walk in nature)

**Module 3:** Leading Teams Through AI Transformation (Approx. 90-180 min)

**Module 4:** Strategic Action Planning & Next Steps (Approx. 90 min)

**Note:** The full day or 1.5 day workshop can also be facilitated over 2 days, giving more personal time to get to know each other better in a convivial environment over dinner and drinks to help integrate new members to the team.

### Methodology

This full-day or 1.5 day session will be highly interactive and discussion-driven, leveraging the small group size for in-depth conversations, peer learning, and tailored strategic thinking.

It will include concise input from an EMCC senior practitioner certified facilitator-team coach, including relevant real-world case studies, and practical exercises focused on leadership dilemmas and strategic planning in the context of AI. A comprehensive program summary and key takeaways document will be provided.

### About the Facilitator and leadership coach

The facilitator-coach is a member of the faculty of Humanities and Social Sciences at EURECOM, a leading research centre in France for digital sciences, including Artificial Intelligence. He also facilitates training courses for Leadership and Innovation at MIT, where AI is explored as a key disruptive technology. This unique blend of academic insight and practical leadership development experience ensures a comprehensive and actionable learning experience. He is also an EMCC senior practitioner certified facilitator-team coach and has been working with the EU institutions since 2008.

## Artificial Intelligence for IT Service Management Training

**Duration:** 2 days | **Level:** Intermediate | **Delivery Type:** Hands-on with Labs, Instructor Led Training

### Overall Goal

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.

### Course Objectives

In this course, you will:

- Improve productivity by using AI to automate common ITSM tasks
- Use AI to assist in creating presentations, summarizing documents, etc.
- Apply AI to create standards compliant content
- Manage AI technology, platforms, threats, and risks

### Prerequisites

This course assumes familiarity with ITIL, at the level of ITIL® 4 Foundation Training.

**AI for Business Users & Ethics..... 5**

**AI Risk Management & Security..... 8**

**Transparency & Explainability..... 9**

**AI Leadership..... 9**

**Responsible AI Development..... 10**



Course #	Course Title	Duration (Days)	Level	Delivery Type	Course Description
<b>AI for Business Users &amp; Ethics</b>					
4700	<b>"Introduction to Artificial Intelligence (AI)"</b>	1	Foundation	Instructor Led	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.
1298	<b>BCS Foundation Certificate in Artificial Intelligence</b>	3	Foundation	Instructor Led	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.
ABW894	<b>AI and Machine Learning fundamentals using Python</b>	3	Foundation	Instructor Led	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.
4703	<b>AI Insights for Business Users in Government</b>	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	<b>AI Powered SecOps with SIEM and SOAR</b>	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	<b>AIOps Foundation (AIOF) Certification</b>	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. 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. 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>
1258	<b>Applied AI for Government IT Professionals</b>	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	<b>Artificial Intelligence for IT Service Management Training</b>	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	<b>Beginner Data Science with Python and Jupyter</b>	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"> <li>• Knowledge of programming fundamentals and some experience with Python, including Python libraries, Pandas, Matplotlib, and scikit-learn."</li> </ul>
8747	<b>Build a Foundation to Extend Microsoft 365 Copilot (MS-4014)</b>	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.

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8724	<b>Build connectors and plugins for Microsoft Copilot for Microsoft 365 (MS-4010)</b>	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	<b>Building Practical Skills in NLP and Generative AI</b>	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	<b>Components of a Big Data and AI Solution Introduction</b>	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!"
8728	<b>Customizing Copilot AI Assistants for Use in Your Organization (PL-7008)</b>	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	<b>Demystifying ChatGPT</b>	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, formatting, 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	<b>Demystifying AI and Machine Learning</b>	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.
7301	<b>Fundamentals of Graph Databases On-Demand</b>		Foundation	On-Demand	"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. 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."

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4705	<b>Generative AI Strategies for Project Managers</b>	1	Foundation	Instructor Led	<p>"Unlocking the Power of AI for Project Success: A Hands-on Guide for Project Managers 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! 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. 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. Get ready to:</p> <ul style="list-style-type: none"> <li>• Demystify the jargon: Develop a clear understanding of key AI terms and concepts, empowering you to navigate this rapidly evolving field with confidence.</li> <li>• 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.</li> <li>• Discover cutting-edge tools: Explore the capabilities of leading generative AI models like Open AIs ChatGPT, Google's Gemini, and Microsoft's Copilot, and understand how to effectively leverage them in your projects.</li> <li>• 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.</li> <li>• Optimize output: Learn best practices for formatting and refining AI-generated content to ensure it aligns seamlessly with your project goals and communication needs.</li> <li>• 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.</li> <li>• Navigate challenges and ethics: Gain insights into the ethical considerations and potential challenges associated with AI, ensuring responsible and equitable implementation in your projects.</li> <li>• 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."</li> </ul>
8704	<b>Implement Real-Time Intelligence with Microsoft Fabric (DP-603)</b>	1	Foundation	Instructor Led	<p>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.</p>
1264	<b>Introduction to AI, Data Science &amp; Machine Learning with Python</b>	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. 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."</p>
1259	<b>Introduction to Machine Learning for Non-Programmers</b>	2	Foundation	Instructor Led	<p>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.</p>
4509	<b>Introduction to Python for Data Analytics</b>	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 &amp;mdash; like NumPy, Pandas, SciPy, and Scikit-learn &amp;mdash; 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}."</p>
8580	<b>Microsoft Azure AI Fundamentals Training (AI-900)</b>	1	Foundation	Instructor Led	<p>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.</p>
4701	<b>Preparing for an AI Transformation Initiative</b>	1	Foundation	Instructor Led	<p>"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."</p>

Course #	Course Title	Duration (Days)	Level	Delivery Type	Course Description
1288	<b>The ISTQB Certified Tester AI Testing (CT-AI)</b>	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.
1294	<b>Graph Databases for Data Analytics and AI</b>	3	Intermediate	Instructor Led	"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. 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."
1269	<b>Time Series Analysis Using R</b>	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"
1925	<b>Getting the Most from your Spreadsheets with GenAI</b>	1	Foundation	Instructor Led	"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.  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."
<b>AI Risk Management &amp; Security</b>					
2328	<b>Developing and Deploying AI Applications</b>	3	Intermediate	Instructor Led	"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.  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."
8690	<b>Dynamics 365 Business Central Developer (MB-820)</b>	5	Advanced	Instructor Led	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.
8721	<b>Get Started with Microsoft Copilot for Security (SC-5006)</b>	1	Foundation	Instructor Led	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.
8731	<b>Prepare security and compliance to support Microsoft 365 Copilot (MS-4002)</b>	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.
1216	<b>AI Cybersecurity: Attack and Defend</b>	3	Intermediate	Instructor Led	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.



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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."
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.
<b>Transparency &amp; Explainability</b>					
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.
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.
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."
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.
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.
<b>AI Leadership</b>					
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.
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.

Course #	Course Title	Duration (Days)	Level	Delivery Type	Course Description
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>
ABW890	AI for Leaders: Navigating and Leading in the AI Era	1	Intermediate	Instructor Led	To equip EU leaders with the strategic insights, practical tools, and a shared vision to effectively navigate and lead their teams through the complexities of AI adoption and organizational transformation.
<b>Responsible AI Development</b>					
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.
1851	AI for Software Engineers: Concepts and Techniques	3	Intermediate	Instructor Led	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.
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	<p>"In this course, you will learn how to:</p> <p>Design tailored solutions for analysing business forms through Azure AI Document Intelligence.</p> <p>Develop solutions for analysing various types of common documents using Document Intelligence.</p> <p>Implement solutions for analysing diverse custom form types with Document Intelligence.</p> <p>Learn to amalgamate multiple Document Intelligence models into a composite model for enhanced functionality.</p> <p>"</p>
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.
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>

Course #	Course Title	Duration (Days)	Level	Delivery Type	Course Description
8705	<b>Implement a Data Science and Machine Learning Solution for AI with Microsoft ...</b>	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	<b>Implement knowledge mining with Azure AI Search (AI-3022)</b>	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.
8686	<b>Machine learning with Azure Databricks (DP-3014)</b>	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	<b>Microsoft 365 Copilot Chat Interactive Experience for Executives (MS-4012)</b>	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.
8696	<b>Migrate SQL Server workload to Azure SQL (DP-3001)</b>	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.
8744	<b>Work Smarter with AI and Microsoft Copilot (AI-3025)</b>	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.
8698	<b>Develop AI Agents on Azure (AI-3026)</b>	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."
8751	<b>Extend Microsoft 365 Copilot in Copilot Studio (MS-4022)</b>	1	Intermediate	Instructor Led	"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. Prerequisites Familiarity with Microsoft 365 Copilot. Familiarity with options for extending Microsoft 365 Copilot."
8752	<b>Explore Microsoft 365 Copilot Chat (MS-4023)</b>	1	Foundation	Instructor Led	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.

# Advanced Digital Skills Catalogue

## EXPERTISE

- ISO 9001 accredited
- Partnerships with leading certification and technology brands
- Real-world instructors (500 + worldwide)

## SERVICE

- Focus on client specific objectives and outcomes
- Consultative approach
- Dedicated service delivery
- Project and customer care teams

## PLATFORM

- Learning ecosystem
- Experimental learning environment
- Learning Tree's own AnyWare® virtual platform

## CONTENT

- Live / on-demand
- Assessments
- Learning paths
- Customised solutions
- Extensive proprietary and partner resources



ARTIFICIAL  
INTELLIGENCE



RISK &  
COMPLIANCE



TECHNICAL  
SKILLS

