AI AND DATA SCIENCE TRAINING THAT **EMPOWERS** YOUR CAREER.

In the ever-evolving landscape of technology, staying current with AI and data analytics skills is not just an option—it's a necessity for career advancement.

Ensure your skills are up to date, harnessing the power of AI and data analytics to gain insights that transform organization performance and your career.

For professionals eager to stay ahead in their field, our training programs are a game-changer. We offer comprehensive, hands-on learning experiences that dive deep into AI and data analytics, equipping you with the knowledge and tools needed to excel in your current role and open doors to new opportunities. By enhancing your skillset with our specialized training, you're not just learning - you're setting the stage for a dynamic and successful career in a world driven by data and technology.

Advance Your Career in AI & Data Science with Leading-Edge Training

Embark on a transformative journey in AI and Data Science with Learning Tree, your partner in professional growth. With over 50 years of experience in specialized training, we provide you with practical, real-world skills and knowledge to excel in the fast-paced world of data and AI.

Individual Empowerment in AI & Data Science

At Learning Tree, we are committed to your personal and professional development. Our courses are designed to enhance your capabilities in key areas such as machine learning, big data analytics, and predictive modeling. Whether you are starting your journey in data science or looking to advance in AI, our programs cater to your unique career path.

Comprehensive Training for All Skill Levels

From introductory courses in data analysis to advanced topics in AI and neural networks, we offer a wide range of training programs. Our expert instructors, equipped with industry-relevant experience, provide hands-on learning to ensure you gain practical skills that can be immediately applied in your career.

Flexible Learning Options for Busy Professionals

We understand the challenges of balancing professional development with a busy schedule. That's why we offer a variety of learning formats, including in-person workshops, live online sessions, and on-demand courses. This flexibility allows you to learn at your own pace and in a way that best suits your lifestyle.

By choosing Learning Tree for your AI and Data Science training, you're not just gaining new skills; you're positioning yourself at the forefront of your field. Enhance your expertise, boost your career prospects, and become a driving force in the world of data and AI.

In 2023, the World Economic Forum surveyed 803 global companies and found that 'AI and Machine Learning Specialists' and 'Data Analysts and Scientists' roles were in the top 10 jobs expected to grow fastest between 2023 and 2027.

https://post.parliament.uk/research-briefings/post-pn-0697

Do you have the right skills to take your career to the next level?

Maximizing your Careers Potential

Embark on a transformative journey in AI and Data Science with Learning Tree, your partner in today's data-driven business landscape, the power of AI and data science cannot be overstated. Organizations are actively looking to hire skills that enable them to harness insights hidden within their data and improve business agility to gain a competitive edge. Having AI and data science skills is not merely an option anymore; it's imperative. Our suite of data science courses equips you with the skills and knowledge organizations are looking for to unlock the true potential of data. Here are five common problems organizations are hiring to solve for, and how our training courses can help address them:

PROBLEM	SOLUTION
Data Quality and Preprocessing	Our courses provide extensive training on data preprocessing techniques. This equips participants with the skills needed to clean and prepare data effectively for analysis.
Lack of Machine Learning Skills	Our machine learning courses cover algorithms, model building, and practical implementation. These courses empower participants with the essential machine learning skills required for data-driven decision-making.
Identifying abnormal or unusual data points that deviate from the expected pattern	Our anomaly detection courses cover techniques like clustering, autoencoders, and isolation forests to detect and address anomalies in data.
Extracting insights and meaning from unstructured text data	Our NLP training, including courses on text classification, sentiment analysis, and named entity recognition, empowering individuals to work with textual data effectively.
Interpreting and Communicating Results	Our courses emphasize not only technical skills but also the ability to interpret results and communicate findings effectively.

Learning Paths and Individual Courses

Our Learning paths are proven to equip you with the skills and certification for the role you want. Leverage our step-by-step blueprint to ensure you reach your goal, or create your own learning path tailored specifically to meet your needs.

		FOUNDATION		INTERMEDIATE		ADVANCED
MACHINE LEARNING	1263	Applied Data Science with Python and Jupyter	134	SQL Server Integration Services (SSIS) Training for Business Intelligence	234	Developing SQL Queries for Oracle Databases
	1264	Introduction to AI, Data Science & Machine Learning with Python	1238	Building Data Lakes on AWS	925	Introduction to SQL Course
	1268	Hands-On Introduction to R	1239	Building Batch Data Analytics Solutions on AWS	929	Advanced SQL Course
	1269	Time Series Analysis Using R	1240	Building Data Analytics Solutions Using Amazon Redshift	1243	Amazon SageMaker Studio Training for Data Scientists
	3656	Preparing for a Digital Transformation Initiative Training	1267	Introduction to Julia Programming: Machine-Learning Models and AI		
	4509	Introduction to Python for Data Analytic	1273	Python Data Wrangling Training		
	4550	Writing SQL Queries with SQL Server Management Studio	1274	Data Visualization with Python Training		
	4551	Writing SQL Queries Training	1278	Leveraging Deep Learning for Natural Language Processing Course		
	8597	Querying Data with Microsoft Transact-SQL Training (DP-080)	2330	Rust Essentials: Building Better Software		
			4559	Writing Powerful SQL Queries for SQL Server		
			8532	Azure Data Science Certification Training (DP-100)		
			8574	Power BI Data Analyst Training Course (PL-300)		
			8576	Administering Microsoft Azure SQL Solutions DP-300 Certification Training		
			8595	Data Engineering on Microsoft Azure (DP-203)		
DATA SCIENCE & BIG DATA	1250	Components of a Big Data and AI Solution Introduction	126	Crystal Reports Training	234	Developing SQL Queries for Oracle Databases
	1256	Tableau Visual Analytics Training	134	SQL Server Integration Services (SSIS) Training for Business Intelligence	925	Introduction to SQL Course
	1264	Introduction to AI, Data Science & Machine Learning with Python	1232	Power BI: Hands-On Reports and Dashboards Training	929	Advanced SQL Course
	1269	Time Series Analysis Using R	1234	Planning & Designing Databases on AWS	1243	Amazon SageMaker Studio Training for Data Scientists
	1291	Introduction to Data Literacy Training	1238	Building Data Lakes on AWS	1257	Advanced Tableau Training

DATA SCIENCE & BIG DATA	1360	Introduction to Power BI Training	1239	Building Batch Data Analytics Solutions on AWS	1293	Building Practical Skills in NLP and Generative AI
	1363	Power BI for Business Users	1240	Building Data Analytics Solutions Using Amazon Redshift	8645	Power BI: Administrator in a Day Training
	2043	CompTIA Data+® Certification Training	1267	Introduction to Julia Programming: Machine-Learning Models and AI	8646	Power BI: Advanced Data Modeling and Shaping (One-Day Course)
	3656	Preparing for a Digital Transformation Initiative Training	1273	Python Data Wrangling Training	8648	Advanced Visualization with Power BI Training
	4500	Big Data Technologies, Trends & Insights Training	1274	Data Visualization with Python Training	8650	Power BI: Developer in a Day Training
	8580	Microsoft Azure AI Fundamentals Training (AI-900)	1278	Leveraging Deep Learning for Natural Language Processing Course	8651	Hands-On Paginated Reports with Power BI
	8586	Microsoft Azure Data Fundamentals Training (DP-900)	1292	Introduction to Data Governance and Assessing Data Maturity		
	8649	Power BI: Dashboard Training (One-Day Course)	1294	Graph Databases for Data Analytics and AI		
			1362	Designing Data Models in Excel for Power BI Reports Training		
			1365	Introduction to DAX for Power BI		
			2044	CompTIA DataSys+ Certification Training		
			2330	Rust Essentials: Building Better Software		
			4559	Writing Powerful SQL Queries for SQL Server		
			8532	Azure Data Science Certification Training (DP-100)		
			8574	Power BI Data Analyst Training Course (PL-300)		
			8576	Administering Microsoft Azure SQL Solutions DP-300 Certification Training		
			8589	Designing and Implementing a Microsoft Azure AI Solution Training (AI-102)		
			8595	Data Engineering on Microsoft Azure (DP-203)		
			8680	Develop Generative AI Solutions with Azure OpenAI Service (AI-050)		
			8681	mplementing a Lakehouse with Microsoft Fabric (DP-601)		

Data literacy, analysis and visualization is crucial in today's data-driven world.

"Only 6% of respondents can help their peers with data concepts and culture, reading, writing and comprehending data."

2022 Global Data Literacy Benchmark survey and report (Data to the People)

Five common challenges and how we address them.

We offer training courses which enhance data literacy skills and address common data literacy learning problems. Here are five data competency learning problems and how our courses can help solve them:

PROBLEM	SOLUTION
Many individuals struggle with fundamental data concepts, such as data types, data sources, and data structures	Our courses include in-depth modules, hands-on exercises, and practical examples that clarify data types, explore various data sources, and teach how to work with data structures, ultimately building participants' proficiency in data management and analysis.
Analyzing data to extract meaningful insights can be challenging without proper training.	Our data analysis courses teach participants how to use tools like Excel, Python, or R to perform data analysis, create visualizations, and draw conclusions from data sets.
Communicating data findings effectively through visualizations is a common struggle.	Our data visualization courses cover best practices in creating informative and compelling data visualizations using tools like Tableau, Power BI.
Understanding data privacy regulations and protecting sensitive data is a growing concern.	Our data privacy and security courses educate individuals on compliance with data protection laws and best practices for securing data in various contexts.
Making decisions based on data can be daunting without guidance.	Our courses emphasize the importance of data-driven decision-making and provide practical approaches to using data to inform business decisions and strategies.

Learning Paths and Individual Courses

	FOUNDATION		INTERMEDIATE		ADVANCED	
MACHINE LEARNING	1255	Introduction to Decision Analysis				
	1264	Introduction to AI, Data Science & Machine Learning with Python				
	1265	Fundamentals of Statistics for Data Science Training				
	1290	Introduction to Data Analytics				
	1291	Introduction to Data Literacy Training				
	3656	Preparing for a Digital Transformation Initiative Training				
	8586	Microsoft Azure Data Fundamentals Training (DP-900)				
DATA ANALYTICS	1256	Tableau Visual Analytics Training	126	Crystal Reports Training	234	Developing SQL Queries for Oracle Databases
	1265	Fundamentals of Statistics for Data Science Training	134	SQL Server Integration Services (SSIS) Training for Business Intelligence	925	Introduction to SQL Course
	1268	Hands-On Introduction to R	1232	Power BI: Hands-On Reports and Dashboards Training	929	Advanced SQL Course
	1269	Time Series Analysis Using R	1234	Planning & Designing Databases on AWS	1243	Amazon SageMaker Studio Training for Data Scientists
	1290	Introduction to Data Analytics	1239	Building Batch Data Analytics Solutions on AWS	1257	Advanced Tableau Training
	1360	Introduction to Power BI Training	1240	Building Data Analytics Solutions Using Amazon Redshift	8645	Power BI: Administrator in a Day Training
	1363	Power BI for Business Users	1273	Python Data Wrangling Training	8646	Power BI: Advanced Data Modeling and Shaping (One-Day Course)
	3656	Preparing for a Digital Transformation Initiative Training	1365	Introduction to DAX for Power BI	8648	Advanced Visualization with Power BI Training
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	4551	Writing SQL Queries Training	8595	Data Engineering on Microsoft Azure (DP-203)		
	8597	Querying Data with Microsoft Transact-SQL Training (DP-080)				
	8649	Power BI: Dashboard Training (One-Day Course)				

Learning Paths and Individual Courses

DECISION ANALYSIS & VISUALIZA-TION	FOUNDATION		INTERMEDIATE		ADVANCED	
	1256	Tableau Visual Analytics Training	126	Crystal Reports Training	1257	Advanced Tableau Training
	1290	Introduction to Data Analytics	134	SQL Server Integration Services (SSIS) Training for Business Intelligence		
			1274	Data Visualization with Python Training		
			1292	Introduction to Data Governance and Assessing Data Maturity		
			1362	Designing Data Models in Excel for Power BI Reports Training		

Data Insights & Visualization Professional Certificate Program

In the era of big data, the expansion of digital technologies has led to an unprecedented amount of data generation. But without the right tools and expertise to understand this data and transform it into actionable knowledge, organizations risk missing out on opportunities and making uninformed decisions.

Learning Tree's Data Insights & Visualization Professional Certificate Program teaches participants the knowledge and tools they need to analyze and present big data through our unique integrated learning model, which expertly combines training, assessment, coaching, and collaboration.

Begin Your Journey

PROGRAM KICK OFF

01
Introduction to Data Literacy

02
Storytelling: the What & the Why

GROUP COACHING

03
Introduction to Power BI

GROUP COACHING

04
Create your own Power BI Dashboard

05
Storytelling: Using your Dataset to tell a Story

GROUP COACHING

06
Advanced Visualization with Power BI

GROUP COACHING

07
Finalize your Power BI Dashboard

PRESENT YOUR POWER BI DASHBOARD!

Earn your **Professional Program Certificate in Data Visualization**

Program Kickoff	Group Coaching	Group Coaching
Introduction to Data Literacy	Create Your Own Power BI Dashboard	Finalize Your Power BI Dashboard
Storytelling: The What & the Why	Storytelling: Using Your Dataset to Tell a Story	Final Presentation: Power BI Dashboard
Group Coaching	Group Coaching	
Introduction to Power BI	Advanced Visualization with Power BI	

Partner with Learning Tree to elevate your AI and Data Science skills, taking your career to the next level.

As your trusted training partner, we have helped millions of individuals develop the skills to advance their career. Our tailored training solutions are designed to equip you with practical knowledge from experts with years of experience, ensuring that you have the knowledge, skills and abilities organizations are looking for to grow your career.

LEARNING TREE™
INTERNATIONAL

📞 **Call us Today @ 1-888-843-8733 or visit:**

🌐 **LearningTree.com/Topics/Artificial-Intelligence**