



CERTIFIED

Azure AI Data Scientist Engineering

Launch Your Career in Data Science

Azure AI Data Scientist Engineering

Azure AI Data Scientist Engineering program helps you build smart solutions using AI. This course is perfect for beginners and IT professionals who want to use Azure tools to solve real-world problems with data.

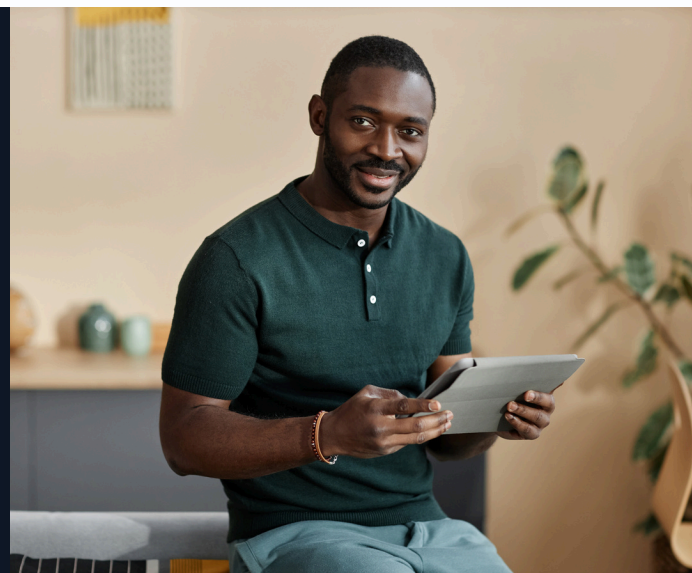
With Digitalearn, you will learn how to process data, train AI models, and make predictions to improve businesses. The program gives you hands-on experience with Azure Machine Learning, Cognitive Services, and other tools to work smarter and faster.

Through this course, Digitalearn ensures you master AI skills like building machine learning models, understanding data patterns, and creating solutions that work for everyone. It's a great chance to grow your career in AI and data science.

Join **Digitalearn's Azure AI Data Scientist Engineering program** now and become an expert in Azure AI Data Science. This program gives you the knowledge to make data-driven decisions and opens up many exciting job opportunities.

Key Features

- Live Projects
- Exam Simulation
- Access to Recorded Sessions
- 40-Hour LIVE Instructor-led Training
- Updated Content (Market Trends)
- Class Feedback with Assigned Advisor
- Micro Batches (10 Students per Class)
- Individual Doubt Sessions
- Career Guidance and Mentorship
- Practical Sessions (Online)



How this program works differently with highlighted **Key Solutions** ?



Career Preparation

- Mock Interview Prep (Technical + Behavioral)
- Resume Building (Ready-to-use Templates)
- Job Application Guide (Tips for Finding the Right Job)
- Internship Benefits (Hands-on Experience with Tools)



Practical Learning

- Live Projects (5+ Real-World Projects)
- Practical Sessions (Interactive Online Learning)
- Updated Tools and Techniques (Stay Ahead with the Latest in Data Science)



Learning Support

- Personality Development Classes (Enhance Soft Skills)
- Class Recordings (Access Anytime for Review)
- E-books (Comprehensive Learning Materials)



Certification and Exams

- Exam Simulation (Prepare Effectively)
- Exam vouchers (Subject to Availability)



Ongoing Mentorship

- Lifetime Career Mentorship (Guidance Throughout Your Career)



Continuous Learning

- Updated Content (Stay Current with Market Trends)
- Demos (Optional Hands-on Demonstrations)



Benefits

Benefits of the **Azure AI Data Scientist Engineering Program**

Professional Benefits:

- **Valuable Skills:** Learn to combine AI and data science to solve complex problems.
- **Better Job Opportunities:** Become ready for roles like Data Scientist, AI Engineer, or Data Analyst.
- **Global Recognition:** Azure certifications are respected worldwide.
- **In-Demand Expertise:** Companies need professionals skilled in AI and cloud technologies.

Technical Benefits

- **Smart Solutions:** Build AI models that make predictions and help in decision-making.
- **Data Insights:** Learn how to process data and find patterns that matter.
- **Real Practice:** Gain confidence with hands-on labs and real-world examples.
- **Azure Tools Expertise:** Work with the latest Azure technologies and AI features.

Organizational Benefits

- **Better Decisions:** Use AI to improve business processes.
- **Cost Savings:** Automate tasks and reduce manual work with smart solutions.
- **Innovation:** Help organizations stay ahead by using advanced AI tools.

Career Pathways

- **Data Scientist:** Analyze data and build AI models.
- **AI Engineer:** Create smart systems for businesses.
- **Business Analyst:** Use data to guide business decisions.
- **Azure Specialist:** Help companies adopt AI and cloud technologies.

Completing this program makes you a skilled professional ready to use AI and data science in any industry. Start your journey with Digitalearn today and unlock a future in the exciting world of AI!



Azure AI Data Scientist Engineering Curriculum

Module 1: Introduction to AI and Data Science

- What is AI and Data Science?
- Basic concepts and their uses.
- Understanding how AI solves problems.

Module 2: Introduction to Azure AI Tools

- Getting started with Azure Machine Learning.
- Setting up your Azure account and environment.
- Introduction to Azure Notebooks and their uses.

Module 3: Data Exploration and Preprocessing

- How to collect data for AI projects.
- Cleaning and preparing data for analysis.
- Working with missing data and outliers.

Module 4: Data Analysis with Azure Machine Learning

- Using Azure tools to analyze data.
- Learning how to visualize data patterns.
- Simple data analysis techniques using Azure.

Module 5: Supervised Learning Algorithms

- Understanding supervised learning.
- Learning algorithms like Linear Regression and Decision Trees.
- How to train a model to make predictions.

Module 6: Unsupervised Learning Algorithms

- What is unsupervised learning?
- Clustering methods like K-means.
- Identifying patterns in data without labels.



Azure AI Data Scientist Engineering Curriculum

Module 7: Neural Networks and Deep Learning

- Basics of neural networks and how they work.
- Understanding deep learning and its applications.
- Using deep learning models to solve complex problems.

Module 8: Model Evaluation and Improvement

- How to check if your model is accurate.
- Understanding overfitting and underfitting.
- Improving your model's performance.

Module 9: Azure AI Model Deployment

- How to deploy a trained AI model using Azure.
- Sharing and using models in real-world applications.
- Understanding cloud-based deployment.

Module 10: AI Ethics and Responsible Use

- Importance of ethical AI.
- Ensuring fairness and transparency in AI models.
- Understanding AI's impact on society.

Module 11: Hands-On Labs

- Practical exercises using Azure tools.
- Working on real-world data science projects.
- Solving problems with AI in a guided environment.

Module 12: Project and Certification Preparation

- Final project to apply all learned skills.
- Preparing for Azure AI Data Scientist certification exam.
- How to continue learning after the course.

This course helps you learn the basics of AI and how to work with Azure to build AI solutions. It covers everything from data collection to deploying your AI models. Whether you're new to the field or looking to improve your skills, this course is the perfect way to start!

Learning Objectives of **Azure AI Data Scientist Engineering**:



Understanding AI and Data Science:

- Learn what AI and Data Science are and how they work.
- Understand how AI helps in solving real-world problems.



Using Azure for AI Projects:

- Get hands-on experience with Azure AI tools.
- Learn how to set up your AI environment on Azure.



Data Collection and Preparation:

- Understand how to collect data for AI projects.
- Learn how to clean and prepare data for analysis.



Exploring and Analyzing Data:

- Use Azure tools to explore and analyze data.
- Learn how to find patterns and trends in data.



Learning Algorithms and Models:

- Understand supervised and unsupervised learning methods.
- Learn how to train models using data.



Building Neural Networks:

- Learn the basics of neural networks and deep learning.
- Understand how to use neural networks to solve complex problems.



Improving AI Models:

- Learn how to check if your AI model is working well.
- Improve your model's accuracy by testing and fine-tuning it.



Deploying AI Models:

- Learn how to deploy your AI model to the cloud using Azure.
- Understand how to use your model in real-life situations.



AI Ethics and Responsible Use:

- Understand the importance of ethical AI.
- Learn how to create AI models that are fair and transparent.

Hands-On Learning:

- Work on real-world projects using Azure.
- Get practical experience solving problems with AI.



How Schedule and Commitments will work?



Duration
2 months
(8 weeks)



Mode
Online Live
Classes + Hands-
on Training



Commitment
2 Months /
2 hours a Day /
Mon-Wed-Thur-Sat

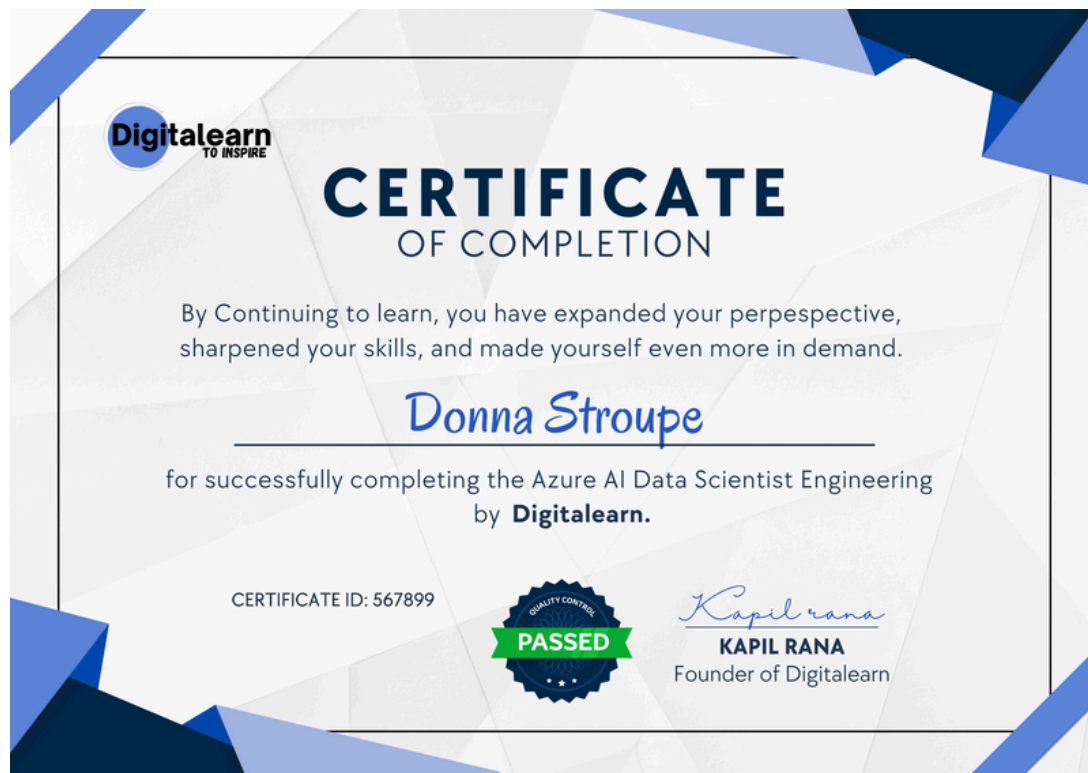
Who Should Pursue **Azure AI Data Scientist Engineering**?

The **Azure AI Data Scientist Engineering** course by [Digitalearn](https://www.digitalearn.info) is ideal for anyone looking to start or grow a career in data science and AI. Here's who can benefit the most:

- Beginners in AI and Data Science
- IT Professionals Expanding Their Skills
- Data Analysts
- Developers Interested in AI
- Business Professionals
- Students and Fresh Graduates
- Organizations Training Their Teams

Upon Completing the **Program**, You'll Receive:

- Digitalearn Certified Azure AI Data Scientist Engineering Certificate
- Portfolio-ready projects and access to career advancement resources



4.9 Average
Rating



3500+
Students
Got Job



4000+
Satisfied
Learners



100+ Highly
Qualified
Trainers

What Kind of Support Will You Receive?



Mentorship

A dedicated mentor to guide you through the learning journey



Alumni Network

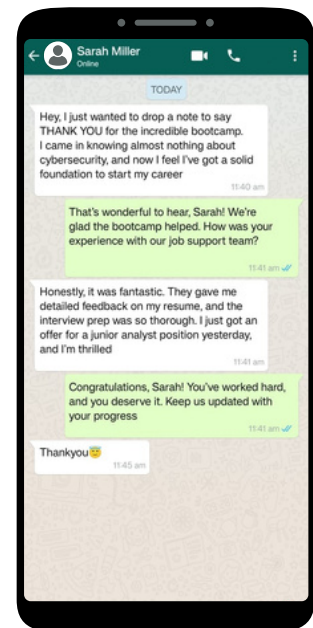
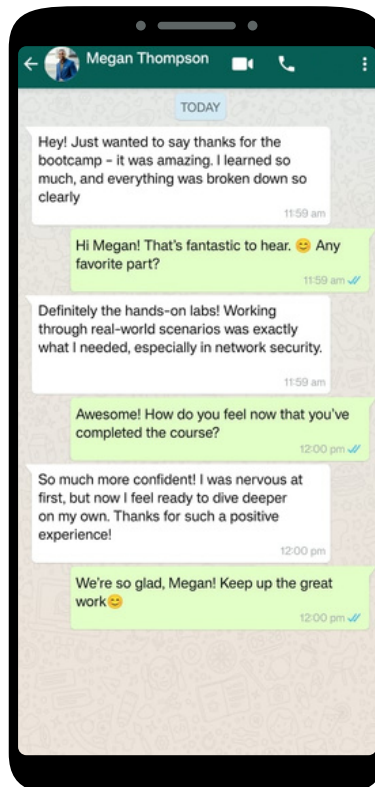
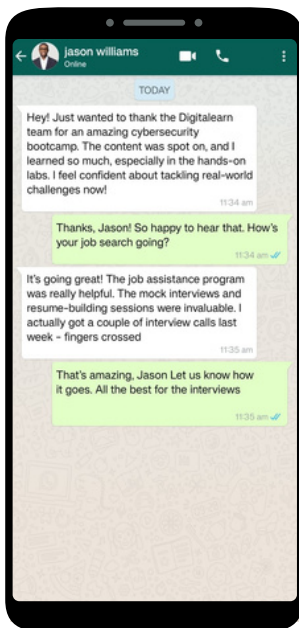
Access to a supportive community of professionals



Career Assistance

Networking tips, job search strategies, and interview prep

What our **students** say ?



Azure AI Data Scientist Engineering **FAQ**

? What is Azure AI Data Scientist Engineering?

✓ Answer:

Azure AI Data Scientist Engineering is a course that teaches how to use Microsoft Azure to build and manage AI projects. It focuses on data analysis, machine learning, and deploying AI models on the cloud.

? Who should pursue Azure AI Data Scientist Engineering?

✓ Answer:

This course is for people interested in becoming AI specialists or data scientists. It is ideal for:

- Aspiring data scientists
- IT professionals looking to learn AI
- Business analysts who want to use AI in their work

? What are the prerequisites for this course?

✓ Answer:

There are no strict prerequisites, but it is helpful to have basic knowledge of data analysis and programming. Basic understanding of Python or SQL will make the learning process easier.

? How long does it take to complete the Azure AI Data Scientist Engineering course?

✓ Answer:

The course typically takes around 6 to 8 weeks to complete, depending on your pace and schedule.

? What is the format of the Azure AI Data Scientist Engineering course?

✓ Answer:

The course includes a mix of video lectures, hands-on projects, and quizzes. You will learn by working on real-world data science problems.

? How much does the Azure AI Data Scientist Engineering course cost?

✓ Answer:

The cost varies depending on the provider. On average, it can range from \$300 to \$500, with some providers offering discounts or payment plans.

Azure AI Data Scientist Engineering **FAQ**

? How can I prepare for the Azure AI Data Scientist Engineering course?

✓ Answer:

To prepare, you can refresh your basic programming skills (Python, SQL) and review basic concepts in data analysis and machine learning.

? What are the benefits of completing the Azure AI Data Scientist Engineering course?

✓ Answer:

By completing this course, you will have the skills to build AI models using Azure. This will help you advance in your career and open doors to new job opportunities in AI and data science.

? What job roles can I pursue after completing this course?

✓ Answer:

After completing this course, you can work in roles such as:

- Data Scientist
- AI Engineer
- Machine Learning Engineer
- Data Analyst
- AI Specialist

? How does this course compare to other AI courses?

✓ Answer:

The Azure AI Data Scientist Engineering course is unique because it focuses on using Microsoft Azure tools for AI projects. It provides practical skills for deploying AI solutions on the cloud, which is highly in demand by companies.

? Can I take this course online?

✓ Answer:

Yes, the course is available online, allowing you to learn at your own pace and from anywhere.

? How does the Azure AI Data Scientist Engineering course help in career advancement?

✓ Answer:

Completing this course shows employers that you have the skills to build and deploy AI solutions using Azure. This boosts your chances of getting hired for AI-related roles and helps you stand out in the job market.



Social Media Handles:

 @digitalearn_official

 Digitalearn

Ask your queries to our experts?



+91 7457077622
+91 9625585022



www.digitalearn.info



support@digitalearn.info



Office Hours :
09:00 AM EST to 07:00 PM EST