



MICROSOFT TRAINING

Microsoft Azure Ai Course

Develop cutting-edge AI solutions on Microsoft Azure. Master Azure AI services and machine learning for intelligent applications.

DURATION

2 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

-
- Globally Recognized Certification
 - Expert-Led Hands-On Training
 - Flexible Scheduling

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COURSE OVERVIEW

This "Microsoft Azure AI Course" is meticulously designed for IT professionals, developers, and data scientists eager to leverage the transformative power of artificial intelligence within the Microsoft Azure cloud ecosystem. Over 2 intensive hours, you will gain practical, hands-on skills in implementing robust AI solutions using Azure's comprehensive suite of AI services. The course dives deep into key Azure AI technologies, including Cognitive Services for vision, speech, language, and decision-making, as well as providing an essential introduction to Azure Machine Learning for building, training, and deploying custom machine learning models. You'll learn how to seamlessly integrate these powerful tools into your applications to create intelligent, data-driven experiences that respond to real-world challenges.

By completing this concise yet impactful course, participants will be well-equipped to design and implement foundational AI solutions that drive innovation and solve critical business problems. This certification empowers you to automate complex processes, significantly enhance customer interactions, and unlock valuable new insights from data, thereby boosting your professional profile in the rapidly expanding and competitive field of artificial intelligence. It serves as an essential and practical step for anyone aiming to become proficient in developing AI-driven applications on a leading global cloud platform.

Duration	2 hours
Level	Intermediate
Vendor	Microsoft

COURSE CURRICULUM

01 Module 1: Getting Started with Azure AI

- Understanding the Azure AI Ecosystem
- Overview of Azure Cognitive Services
- Introduction to Azure Machine Learning
- Azure AI infrastructure and tools

02 Module 2: Leveraging Azure Cognitive Services

- Implementing Vision APIs (Image Analysis, Custom Vision)
- Integrating Speech APIs (Speech-to-Text, Text-to-Speech)
- Utilizing Language APIs (Text Analytics, Language Understanding)
- Decision APIs: Content Moderator and Anomaly Detector

03 Module 3: Introduction to Azure Machine Learning Services

- Overview of Azure Machine Learning Studio workspace
- Preparing and transforming data for ML on Azure
- Building and training basic ML models using Azure ML designer
- Deploying simple ML models as web service endpoints

04 Module 4: Responsible AI & Next Steps

- Introduction to Responsible AI principles in Azure
- Monitoring and managing AI solutions lifecycle
- Understanding ethical considerations in AI development
- Resources for continued and advanced Azure AI development

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Azure AI Engineer**
- > **Cognitive Services Developer**
- > **AI Solution Integrator**

FREQUENTLY ASKED QUESTIONS

Q: What specific Azure AI services will I learn to implement and integrate during this course?

This course provides hands-on experience with core Azure Cognitive Services, including Vision (e.g., Image Analysis, Custom Vision), Speech (Speech-to-Text, Text-to-Speech), and Language (Text Analytics, LUIS). Additionally, you'll gain an essential introduction to the Azure Machine Learning platform, learning to prepare data, build, and deploy basic machine learning models using its visual designer interface.

Q: What are the prerequisites for this Microsoft Azure AI Course, especially regarding programming or cloud experience?

While deep programming expertise is not strictly required, participants should have a foundational understanding of cloud computing concepts and familiarity with the Azure portal. Basic knowledge of data concepts or an introductory grasp of programming (e.g., Python basics) would be beneficial, as the course focuses on practical application of Azure's managed AI services and visual tools rather than advanced coding.

Q: How will completing this course help me in building real-world AI applications on Azure?

Upon completion, you will be equipped to confidently identify appropriate Azure AI services for various business problems and understand how to integrate them into applications. You'll gain practical skills in leveraging pre-built cognitive models for tasks like image analysis or sentiment detection, and learn how to use Azure Machine Learning for custom model development and deployment. This empowers you to start building intelligent features and automating processes effectively within real-world Azure-based solutions.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

Professionals Trained

50+

Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

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