



MICROSOFT TRAINING

Microsoft Artificial Intelligence Ai Certification Course

Master Microsoft AI to design and implement intelligent solutions on Azure. Earn your Microsoft AI certification.

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 concise yet comprehensive Microsoft Artificial Intelligence (AI) Certification Course is expertly designed for IT professionals, developers, and data enthusiasts seeking to understand and leverage the power of AI within the Microsoft Azure ecosystem. Over a focused 2-hour period, you will gain a foundational yet practical understanding of core AI concepts, exploring key technologies such as Azure Cognitive Services for pre-built AI capabilities (vision, speech, language, decision), and an introduction to Azure Machine Learning for custom model development. The course emphasizes how these Microsoft AI services can be integrated to create intelligent applications and automate complex tasks.

Participants will learn to identify appropriate Microsoft AI services for various business scenarios, understand the capabilities of pre-trained models, and grasp the fundamental principles of responsible AI development. This certification serves as an excellent stepping stone, equipping you with the initial knowledge and confidence to begin incorporating AI solutions into your projects and driving innovation within your organization. It's ideal for those looking to quickly upskill and demonstrate proficiency in utilizing Microsoft's powerful and accessible AI platform.

Duration	2 hours
Level	Intermediate
Vendor	Microsoft

COURSE CURRICULUM

01 Module 1: Introduction to AI and Microsoft's AI Platform

- Defining Artificial Intelligence, Machine Learning, and Deep Learning
- Overview of Microsoft's AI Strategy and Ecosystem
- Introduction to Azure AI Services: Overview and Use Cases
- Understanding Pre-built vs. Custom AI Models

02 Module 2: Exploring Azure Cognitive Services

- Introduction to Vision APIs: Image Analysis, Object Detection, Face Recognition
- Understanding Speech APIs: Speech-to-Text and Text-to-Speech
- Language APIs: Text Analytics, Sentiment Analysis, Language Understanding (LUIS)
- Decision APIs: Anomaly Detector and Content Moderator

03 Module 3: Fundamentals of Azure Machine Learning

- Core Concepts of Machine Learning: Supervised vs. Unsupervised Learning
- Overview of Azure Machine Learning Studio
- Introduction to Training, Evaluation, and Deployment of Models
- Using Automated Machine Learning (AutoML) for rapid model creation

04 Module 4: Responsible AI Principles and Practices

- Microsoft's Six Principles of Responsible AI: Fairness, Reliability & Safety, Privacy & Security
- Understanding Inclusiveness, Transparency, and Accountability in AI
- Identifying and Mitigating Bias in AI Systems
- Best Practices for Ethical AI Development and Deployment

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **AI-Enhanced Business Analyst**
- > **Junior Azure AI Solution Integrator**
- > **Data-Driven Project Coordinator**

FREQUENTLY ASKED QUESTIONS

Q: How does this Microsoft AI certification specifically prepare me for integrating AI capabilities into existing business processes or applications?

This certification provides a practical understanding of how to leverage Microsoft's pre-built Azure Cognitive Services (like vision, speech, and language APIs) to add intelligent features without extensive machine learning expertise. You'll learn to identify the right service for a given task and understand the basic steps for integration, enabling you to enhance current applications with functionalities such as automated content analysis, intelligent search, or custom vision solutions.

Q: What prior technical experience or knowledge is recommended to get the most out of this 2-hour intermediate Microsoft Artificial Intelligence course?

While a deep AI background isn't required, participants will benefit most from having a basic understanding of cloud computing concepts, preferably with some familiarity with the Azure platform. Fundamental programming concepts or exposure to data analysis would also be advantageous, though the course focuses more on service utilization and conceptual understanding rather than intensive coding. It's designed for individuals with a general IT background looking to pivot into AI.

Q: Beyond conceptual understanding, what practical, hands-on skills will I gain from this course that I can apply immediately in a work context?

Upon completion, you will be able to articulate the capabilities of various Azure AI services and identify suitable use cases for them within your organization. You'll gain practical insight into how to interact with services like Cognitive Services for tasks such as image classification or text sentiment analysis, even if via a quick start. This immediate applicability empowers you to contribute to discussions on AI integration, evaluate AI solution proposals, and begin experimenting with Microsoft's AI tools in a proof-of-concept capacity.

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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