



MICROSOFT TRAINING

AI-900: Microsoft Azure AI Fundamentals

Master core AI concepts in Azure. Prepare for your AI-900 exam and build foundational AI solutions on Microsoft Azure.

DURATION

2 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

Computer Pride | 1st Floor, ICEA Building, Kenyatta Avenue, Nairobi | www.computer-pride.co.ke

COURSE OVERVIEW

The AI-900: Microsoft Azure AI Fundamentals course provides a foundational understanding of artificial intelligence (AI) concepts and how they are implemented using Microsoft Azure services. This engaging program is designed for individuals from both technical and non-technical backgrounds who are looking to grasp the core principles of AI, including machine learning, computer vision, natural language processing, and conversational AI. You'll gain insight into the types of AI workloads and learn about the Azure services that support them, such as Azure Machine Learning, Azure Cognitive Services, and Azure Bot Service. This course emphasizes understanding AI capabilities and applying responsible AI principles in real-world scenarios, without requiring prior coding experience.

Duration	2 hours
Level	Intermediate
Vendor	Microsoft
Exam Code	AI-900

COURSE CURRICULUM

- 01 Module 1: Introduction to Artificial Intelligence (AI) on Azure**
 - What is AI? Core concepts and definitions
 - Principles of responsible AI: fairness, reliability, privacy, security, inclusiveness, transparency, and accountability
 - Overview of Azure AI services and their capabilities
 - Exploring different types of AI workloads
- 02 Module 2: Exploring Machine Learning on Azure**
 - Understanding core machine learning concepts (regression, classification, clustering)
 - Introduction to Azure Machine Learning service
 - Identifying common machine learning scenarios and applications
 - Key considerations for responsible machine learning
- 03 Module 3: Computer Vision Solutions with Azure AI**
 - Fundamentals of computer vision and its applications
 - Utilizing Azure Cognitive Services for Vision (e.g., Custom Vision, Face, Form Recognizer, Computer Vision API)
 - Implementing image analysis, object detection, and facial recognition features
 - Ethical considerations in computer vision
- 04 Module 4: Natural Language Processing (NLP) with Azure AI**
 - Introduction to natural language processing and its business value
 - Working with Azure Cognitive Services for Language (e.g., Language Understanding, Text Analytics, Translator, Speech)
 - Implementing text summarization, sentiment analysis, and language translation
 - Responsible use of NLP technologies
- 05 Module 5: Conversational AI Workloads on Azure**
 - Understanding conversational AI concepts and benefits
 - Building intelligent bots using Azure Bot Service
 - Leveraging QnA Maker for creating knowledge bases
 - Integrating speech services for voice-enabled interactions

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **AI-Enhanced Business Analyst: Empowered to identify opportunities for AI integration in business processes, gather requirements for AI solutions, and communicate effectively with AI development teams.**
- > **Cloud AI Solutions Associate: Capable of assisting in the design, evaluation, and implementation of foundational AI solutions on the Microsoft Azure platform.**
- > **Junior Machine Learning Operations (MLOps) Support Specialist: Understanding the lifecycle of AI models and supporting the deployment, monitoring, and maintenance of basic AI services within an Azure environment.**

FREQUENTLY ASKED QUESTIONS

Q: What practical understanding and skills will I gain immediately applicable to real-world AI projects after completing the AI-900 course?

Upon completing AI-900, you will gain a clear understanding of what AI is, its various branches (ML, CV, NLP, Conversational AI), and how Microsoft Azure services enable these capabilities. You'll be able to identify suitable Azure AI services for specific business problems, understand the basics of building and deploying AI models, and recognize the importance of responsible AI principles. This foundational knowledge empowers you to contribute to AI-driven initiatives, whether you're defining project requirements, evaluating solution proposals, or supporting AI solution implementation.

Q: Is any prior programming experience, advanced mathematical knowledge, or deep cloud expertise required to successfully complete the AI-900 course?

No, the AI-900 course is designed to be accessible to individuals from all backgrounds, including those without prior programming experience, advanced mathematical knowledge, or deep cloud expertise. While a basic understanding of cloud computing concepts can be beneficial, it is not a prerequisite. The course focuses on conceptual understanding of AI and the capabilities of Azure AI services, rather than requiring hands-on coding or complex algorithm design. It serves as an excellent entry point into the world of AI on Azure.

Q: How does the AI-900 certification serve as a stepping stone for more advanced Azure AI roles or certifications, such as the AI Engineer Associate (AI-102)?

The AI-900: Microsoft Azure AI Fundamentals certification provides the essential conceptual framework and basic service knowledge necessary for pursuing more specialized and advanced Azure AI roles. It acts as a prerequisite understanding for certifications like the Azure AI Engineer Associate (AI-102), which delves deeper into implementing and managing Azure AI solutions with hands-on coding and advanced service configurations. By completing AI-900, you establish a solid base in AI principles and Azure AI services, making the transition to more complex engineering roles and certifications much smoother and more effective.

ABOUT COMPUTER PRIDE

**computerpride*****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.

Location

1st Flr, ICEA Building
Kenyatta Ave, Nairobi

Email

info@computer-pride.co.ke

Phone

+254 705 900 900

www.computer-pride.co.ke