



MICROSOFT TRAINING

AI-900: Microsoft Azure AI Fundamentals

Learn Azure AI concepts and build foundational AI solutions with the Microsoft AI-900 certification. Start your AI journey today!

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 comprehensive introduction to Artificial Intelligence (AI) concepts and how these are implemented using Microsoft Azure services. This course is specifically designed for individuals from both technical and non-technical backgrounds who are looking to understand the foundational aspects of AI, including common AI workloads like Machine Learning, Computer Vision, Natural Language Processing, and Conversational AI. You will gain clarity on the core principles that drive AI technologies and how they can be leveraged.

This engaging course will demystify complex AI terminology and showcase practical applications through Azure's extensive suite of AI services. You'll learn to identify the types of problems AI can solve, recognize the various services Azure offers to build AI solutions, and understand the core components involved in creating intelligent applications. The curriculum emphasizes conceptual understanding over deep technical implementation, making it perfect for business professionals, project managers, or anyone needing to communicate effectively about AI with technical teams.

Upon completion, you will not only possess a solid understanding of AI fundamentals but also be equipped to articulate the business value of AI, identify opportunities for AI integration within your organization, and contribute meaningfully to AI-driven projects. This certification serves as a stepping stone for further specialization in AI or simply enhances your ability to navigate and succeed in an increasingly AI-centric professional landscape.

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

COURSE CURRICULUM

01 Module 1: Introduction to AI and Machine Learning

- What is Artificial Intelligence (AI)?
- Overview of Machine Learning (ML)
- Core ML concepts: features, labels, models
- Types of ML: supervised, unsupervised, reinforcement learning
- Introduction to Azure Machine Learning services

02 Module 2: Exploring Computer Vision Workloads on Azure

- Fundamentals of Computer Vision
- Common Computer Vision tasks: object detection, image classification, facial recognition
- Key Azure Computer Vision services: Azure Computer Vision, Custom Vision
- Introduction to Azure Form Recognizer

03 Module 3: Understanding Natural Language Processing (NLP) with Azure

- Core concepts of Natural Language Processing (NLP)
- Key NLP tasks: sentiment analysis, key phrase extraction, language understanding
- Azure NLP services: Azure Language Service, Translator
- Introduction to Language Understanding (LUIS)

04 Module 4: Diving into Conversational AI on Azure

- Principles of Conversational AI and chatbots
- Introduction to Azure Bot Service
- Building QnA solutions with Azure QnA Maker

05 Module 5: Responsible AI Principles

- Introduction to Responsible AI
- Key Responsible AI principles: fairness, reliability, safety
- Privacy and security in AI solutions
- Inclusiveness, transparency, and accountability in AI

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **AI Business Analyst**
- > **AI Solution Support Specialist**
- > **Project Manager (AI/Data Science Focus)**

FREQUENTLY ASKED QUESTIONS

Q: How will the AI-900 certification empower me to contribute to AI strategy and decision-making within my organization?

The AI-900 provides a foundational understanding of AI concepts, common AI workloads (like machine learning, computer vision, and NLP), and the specific Microsoft Azure services that power them. This knowledge enables you to intelligently discuss AI capabilities, identify potential business applications, articulate requirements to technical teams, and actively participate in strategic discussions around AI adoption and implementation, even without deep technical expertise in AI model development. You'll be able to bridge the gap between business needs and AI solutions.

Q: What specific prerequisites are required to succeed in the AI-900: Microsoft Azure AI Fundamentals course? Is prior coding experience necessary?

The AI-900 course is designed for individuals with both technical and non-technical backgrounds, making it highly accessible. There are no mandatory prerequisites, and prior coding or data science experience is absolutely not required. A basic understanding of cloud computing concepts, perhaps from an Azure Fundamentals (AZ-900) background, can be beneficial but is not essential. The course focuses on conceptual understanding and identifying the capabilities of Azure AI services rather than hands-on development or complex technical implementations.

Q: After completing AI-900, what are the recommended next steps for advancing my career in AI within the Microsoft Azure ecosystem?

Earning the AI-900 certification establishes a strong conceptual foundation in Azure AI. To further specialize, you might consider pursuing role-based Azure certifications. For those interested in data science and machine learning implementation, the 'Azure Data Scientist Associate' (DP-100) or 'Azure AI Engineer Associate' (AI-102) certifications are excellent next steps, focusing on building and deploying AI solutions. If your interest lies more in data analysis or cloud administration with an AI understanding, exploring other Azure associate-level certifications relevant to your specific career path would be beneficial to integrate your foundational AI knowledge.

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.

Location

1st Flr, ICEA Building
Kenyatta Ave, Nairobi

Email

info@computer-pride.co.ke

Phone

+254 705 900 900

www.computer-pride.co.ke