

INTRODUCTION TO ARTIFICIAL INTELLIGENCE IN MICROSOFT AZURE (AI-900T00)

"Foundational understanding of AI concepts and Microsoft Azure AI services for practical applications"

Schedule

Date	Venue	Fees (Face-to-Face)
17 - 18 May 2026	Riyadh, KSA	USD 1995 per delegate

► **Available delivery methods:** Face-to-Face & Online Training

Introduction

Artificial Intelligence (AI) is transforming industries by enabling organizations to analyze data, automate processes, and enhance decision-making. Microsoft Azure provides a comprehensive platform for deploying AI solutions efficiently and effectively.

This 2-day intensive training introduces participants to AI concepts and Microsoft Azure AI services. Through interactive sessions, demonstrations, and practical exercises, participants will learn how to design, implement, and manage AI solutions, gaining the foundational knowledge required to leverage AI in real-world scenarios.

Objectives

By the end of this course, participants will be able to:

- Understand core AI concepts and terminology
- Identify AI workloads and capabilities in Microsoft Azure
- Explore Azure AI services including cognitive services, machine learning, and conversational AI
- Analyze and interpret data using AI models
- Implement AI solutions using Azure tools and services
- Understand ethical considerations and best practices in AI deployment
- Develop foundational skills to support AI initiatives in organizations

Why Attend

- Gain a foundational understanding of AI concepts and applications
- Learn to leverage Microsoft Azure AI services for real-world solutions
- Improve ability to analyze data and implement AI models
- Understand ethical considerations and AI governance
- Enhance technical skills for future AI-related roles

Target Audience

This program is designed for:

- IT professionals and software developers
- Data analysts and AI enthusiasts
- Business managers and project leaders exploring AI solutions
- Students and professionals seeking foundational AI knowledge
- Individuals involved in implementing AI projects on Microsoft Azure

Individual Benefits

Key competencies that will be developed include:

- Understanding AI principles and applications
- Familiarity with Azure AI services and tools
- Ability to analyze data and design AI solutions
- Knowledge of ethical AI and best practices
- Practical skills for AI deployment on cloud platforms

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Ability to leverage AI to improve business processes and decisions
- Enhanced capacity to design and implement AI solutions on Azure
- Improved data-driven decision-making and automation capabilities
- Knowledge of ethical and responsible AI practices
- Strengthened technical expertise for organizational AI initiatives

Instructional Methodology

The course follows a blended learning approach combining theory with practice:

- Strategy Briefings - Core AI concepts and Azure AI architecture
- Case Studies - Real-world applications of AI in various industries
- Workshops - Hands-on exercises using Azure AI services
- Peer Exchange - Discussions on AI challenges and implementation strategies
- Tools - Templates, scripts, and Azure resources for AI solution design

Course Outline

Detailed 2-Day Course Outline

Training Hours: 9:00 AM – 3:30 PM Daily Format: 3–4 Learning Modules | Coffee breaks included

Day 1: Introduction to AI and Azure AI Services

Module 1: AI Fundamentals (09:00 – 10:30)

- Overview of AI concepts, types, and applications
- Understanding AI workloads and tasks

Module 2: Introduction to Microsoft Azure AI (10:45 – 12:15)

- Azure AI architecture and capabilities
- Key AI services and tools

Module 3: Cognitive Services Overview (01:00 – 02:15)

- Vision, language, speech, and decision services
- Practical use cases and examples

Module 4: Workshop – Cognitive Services (02:30 – 03:30)

- Hands-on exercises with Azure Cognitive Services
- Group discussion and Q&A

Day 2: Implementing AI Solutions on Azure

Module 1: Azure Machine Learning (09:00 – 10:30)

- Overview of Azure ML workspace and pipelines
- Building and deploying ML models

Module 2: Conversational AI and Bots (10:45 – 12:15)

- Designing chatbots and virtual assistants
- Integrating bots with Azure services

Module 3: Responsible AI and Best Practices (01:00 – 02:15)

- Ethical considerations in AI development
- Governance and compliance best practices

Module 4: Workshop – AI Solution Implementation (02:30 – 03:30)

- Hands-on exercise creating a small AI project on Azure
- Group discussion and review

Certification

Participants will receive a Certificate of Completion in Introduction to Artificial Intelligence in Microsoft Azure (AI-900T00), validating their foundational knowledge of AI concepts and practical skills in using Azure AI services for real-world applications.

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Interested in running this course for your team?

Please contact us:

TEL:

+601116373203

EMAIL:

info@mawaevents.net

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