

Course Title:

AI and Microsoft Azure AI Fundamentals (1 Day / 8hrs)

Module 1: Introduction to AI for Non-Technical Participants

- Understanding AI: An Overview
- Real-world Applications of AI
- Benefits and Challenges of AI
- AI in Everyday Life

Exercise: Identify AI applications in daily scenarios

Module 2: AI Concepts for Everyone

- Demystifying Machine Learning
- Key AI Terminologies Simplified
- The Impact of AI on Various Industries
- Ethical Considerations in AI

Exercise: Group discussion on ethical implications of AI

Module 3: Microsoft Azure AI Fundamentals: AI Overview

- Fundamental AI concepts
- Fundamentals of machine learning
- Fundamentals of Azure AI services

Exercise: Explore Azure AI services

Module 4: Microsoft Azure AI Fundamentals: Computer Vision

- Computer vision concepts
- Computer vision capabilities in Azure

Demo: Read the text in Vision Studio

Exercise: Analyze images in Vision Studio

Module 5: Microsoft Azure AI Fundamentals: Natural Language Processing

- Natural Language Processing concepts
- Natural Language Processing capabilities in Azure

Demo: Use Question Answering model with Language Studio

Demo: Use Conversational Language Understanding with Language Studio

Demo: Explore Speech Studio

Exercise: Analyze text with Language Studio

Module 6: Microsoft Azure AI Fundamentals: Document Intelligence and Knowledge Mining

- Azure AI Document Intelligence
- Azure AI Search

Exercise: Extract form data in Document Intelligence Studio

Demo: Explore an Azure AI Search index (UI)

Module 7: Microsoft Azure AI Fundamentals: Generative AI

- Fundamentals of Generative AI
- Fundamentals of Azure OpenAI Service
- Explore responsible Generative AI

Exercise: Explore generative AI with Bing Chat copilot

Demo: Explore Azure OpenAI Service

Demo: Explore content filters in Azure OpenAI

Module 5: Microsoft Azure AI Fundamentals: Generative AI

- Fundamentals of Generative AI
- Fundamentals of Azure OpenAI Service
- Explore responsible Generative AI

Exercise: Explore generative AI with Bing Chat copilot

Demo: Explore Azure OpenAI Service

Demo: Explore content filters in Azure OpenAI