

## **AI-900: Microsoft Azure AI Fundamentals**

Duration: 1 day



### **Module 01: Microsoft Azure AI Fundamentals: AI Overview**

- Fundamental AI Concepts
- Fundamentals of machine learning
- Fundamentals of Azure AI services
- Exercise - Explore Automated Machine Learning in Azure Machine Learning
- Exercise - Explore Azure AI Services

### **Module 02: Microsoft Azure AI Fundamentals: Computer Vision**

- Fundamentals of Computer Vision
- Fundamentals of Facial Recognition
- Fundamentals of optical character recognition
- Exercise - Analyze images in Vision Studio
- Exercise - Detect faces in Vision Studio
- Exercise - Read text in Vision Studio

### **Module 03: Microsoft Azure AI Fundamentals: Natural Language Processing**

- Fundamentals of Text Analysis with the Language Service
- Fundamentals of question answering with the Language Service
- Fundamentals of conversational language understanding
- Fundamentals of Azure AI Speech
- Exercise - Analyze text with Language Studio
- Exercise - Use question answering with Language Studio
- Exercise - Use Conversational Language Understanding with Language Studio
- Exercise - Explore Speech Studio

### **Module 04: Document Intelligence and Knowledge Mining**

- Fundamentals of Azure AI Document Intelligence
- Fundamentals of Knowledge Mining and Azure AI Search
- Exercise - Extract from data in Document Intelligence Studio
- Exercise - Explore an Azure AI Search index (UI)

#### **Module 05: Microsoft Azure AI Fundamentals: Generative AI**

- Fundamentals of Generative AI
- Fundamentals of Azure OpenAI Service
- Fundamentals of Responsible Generative AI
- Exercise - Explore generative AI with Bing Copilot
- Exercise - Explore Azure OpenAI Service
- Exercise - Explore content filters in Azure OpenAI

