AI-900T00: Microsoft Azure AI Fundamentals

Course outline

Module 1: Explore Fundamentals of Artificial Intelligence

In this module, you'll learn about common uses of artificial intelligence (AI), and the different types of workload associated with AI. You'll then explore considerations and principles for responsible AI development.

Lessons

- Introduction to Artificial Intelligence
- Artificial Intelligence in Microsoft Azure

After completing this module, students will be able to:

- Describe Artificial Intelligence workloads and considerations

Module 2: Explore Fundamentals of Machine Learning

Machine learning is the foundation for modern AI solutions. In this module, you'll learn about some fundamental machine learning concepts, and how to use the Azure Machine Learning service to create and publish machine learning models.

Lessons

- Introduction to Machine Learning
- Azure Machine Learning

After completing this module, students will be able to:

- Describe fundamental principles of machine learning on Azure

Module 3: Explore Fundamentals of Computer Vision

Computer vision is a the area of AI that deals with understanding the world visually, through images, video files, and cameras. In this module you'll explore multiple computer vision techniques and services.

Lessons

- Computer Vision Concepts
- Creating Computer Vision solutions in Azure

After completing this module, students will be able to:

- Describe features of computer vision workloads on Azure

Module 4: Explore Fundamentals of Natural Language Processing

This module describes scenarios for AI solutions that can process written and spoken language. You'll learn about Azure services that can be used to build solutions that analyze text, recognize and synthesize speech, translate between languages, and interpret commands.

Lessons

- Introduction to Natural Language Processing
- Building Natural Language Solutions in Azure

After completing this module, students will be able to:

- Describe features of Natural Language Processing (NLP) workloads on Azure