AI-900
Microsoft Azure AI Fundamentals

Description:

The Azure AI Fundamentals course introduces AI and the Microsoft services students can use to create AI solutions.

This course introduces fundamentals concepts related to artificial intelligence (AI), and the services in Microsoft Azure that can be used to create AI solutions. The course is not designed to teach students to become professional data scientists or software developers, but rather to build awareness of common AI workloads and the ability to identify Azure services to support them.

Students will be able to:

- Describe Artificial Intelligence workloads and considerations
- Describe fundamental principles of machine learning on Azure
- Describe features of computer vision workloads on Azure
- Describe features of Natural Language Processing (NLP) workloads on Azure
- Describe features of conversational AI workloads on Azure

Course requirements:

Students don't need to have any experience with Microsoft Azure before taking this course; however, a basic level of familiarity with computer technology, cloud computing, and the Internet is assumed.

This course is intended for:

This course is designed for anyone interested in learning about the types of solutions AI makes possible and the services on Microsoft Azure that are used to create them.

Literature:

All participants will receive original Microsoft student materials and access to labs.

Hardware:

Classrooms are equipped with high-performance computers with Internet access and the possibility of wireless connection.

Syllabus:

Module 1: Introduction to AI

- Artificial Intelligence in Azure
- Responsible AI

Module 2: Machine Learning

- Introduction to Machine Learning
- Azure Machine Learning

Module 3: Computer Vision

- Computer Vision Concepts
- Computer Vision in Azure

Module 4: Natural Language Processing (NLP)

- Introduction to Natural Language Processing
- Using Natural Language Processing Services

Module 5: Conversational AI

- Conversational AI Concepts
- Conversational AI in Azure