
Microsoft Azure AI Fundamentals

Description

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.

The course is designed as a blended learning experience that combines instructor-led training with online materials on the Microsoft Learn platform. The hands-on exercises in the course are based on Learn modules, and students are encouraged to use the content on Learn as reference materials to reinforce what they learn in the class and to explore topics in more depth.

Course Content

Module 1: Introduction to AI

- Lesson 1: Artificial Intelligence in Azure
- Lesson 2: Responsible AI

Module 2: Machine Learning

- Lesson 1: Introduction to Machine Learning
- Lesson 2: Azure Machine Learning

Module 3: Computer Vision

- Lesson 1: Computer Vision Concepts
- Lesson 2: Computer Vision in Azure

Module 4: Natural Language Processing

- Lesson 1: Describe features of Natural Language Processing (NLP) workloads on Azure

Module 5: Conversational AI

- Lesson 1: Conversational AI Concepts
- Lesson 2: Conversational AI in Azure

Documentation

- Access to Microsoft Learn (online learning content)

Exam

- This course prepares you to the AI-900: Microsoft Azure AI Fundamentals exam. If you wish to take this exam, please contact our secretariat who will let you know the cost of the exam and will take care of all the necessary administrative procedures for you.

Participant profiles

- AI engineers
- Data Scientists
- Developers
- Solutions Architects

Prerequisites

- Basic awareness of computing and internet concepts
- An interest in using Azure AI services

Objectives

- 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

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Classroom Registration Price (CHF)

900

Virtual Classroom Registration Price (CHF)

850

Duration (in Days)

1

Reference

AI-900T00