

Exam
Microsoft Certified: Azure AI Fundamentals (AI-900)

Course Overview

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

Audience Profile

The Azure AI Fundamentals course is designed for anyone interested in learning about the types of solution artificial intelligence (AI) makes possible, and the services on Microsoft Azure that you can use to create them. You don't need to have any experience of using Microsoft Azure before taking this course, but a basic level of familiarity with computer technology and the Internet is assumed.

Some of the concepts covered in the course require a basic understanding of mathematics, such as the ability to interpret charts. The course includes hands-on activities that involve working with data and running code, so a knowledge of fundamental programming principles will be helpful.

Certification

Certificate of completion

Pre-Requisites

Required:

- Basics of using a Windows-based computer.
- Familiarity with Azure and the Azure portal.
- Experience programming with C# or Python.

AI Overview

AI Overview

- Fundamental AI Concepts
- Fundamental of Machine Learning
- Fundamentals of Azure AI services

Computer Vision

- Fundamentals of Computer Vision
- Fundamentals of Facial Recognition
- Fundamentals of optical character recognition

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
- Fundamentals of language translation

Document Intelligence and Knowledge Mining

- Fundamentals of Azure AI Document Intelligence
- Fundamentals of Knowledge Mining and Azure AI Search

Generative AI

- Fundamentals of Generative AI
- Introduction to Azure AI Studio
- Responsible generative AI