Introduction to AI in Azure

AI-901T00-A

Course code	AI-901T00-A
Duration	1 day
Level	Beginner
Product	Azure
Role	AI Engineer, Developer, Student
Subject	Application development; Artificial intelligence; Frontend development; Generative AI
Related certification	Microsoft Certified: Azure AI Fundamentals

Overview

This course introduces fundamental concepts related to artificial intelligence (AI) and the Microsoft Azure services used to create AI solutions. It combines foundational AI concepts with introductory technology skills for learners beginning a career implementing AI solutions on Azure.

Audience profile

Aspiring technology professionals at the beginning of their career in AI solution development. Some knowledge of Python syntax and programming techniques is useful. Knowledge of core cloud concepts, including cloud storage, compute, authentication, and authorization, is recommended.

Prerequisites

- Basic understanding of computing concepts and mathematics
- Basic understanding of Python is recommended for the Azure application learning path
- Familiarity with core cloud concepts is recommended

Course syllabus

AI concepts for developers and technology professionals

- Introduction to AI
- Fundamentals of generative AI

- Introduction to natural language processing
- Introduction to AI speech
- Introduction to computer vision
- Introduction to information extraction
- Introduction to retrieval-augmented generation (RAG)

Get started with AI applications and agents on Azure

- Get started with AI in Azure
- Get started with generative AI and agents in Azure
- Get started with text analysis in Azure
- Get started with speech in Azure
- Get started with computer vision in Azure
- Get started with information extraction in Azure
- Get started with knowledge retrieval in Microsoft Foundry

Related certification

Microsoft Certified: Azure AI Fundamentals

Official Microsoft Learn source

https://learn.microsoft.com/en-us/training/courses/ai-901t00