

AI-3026: Develop AI Agents in Azure

Duration: 08 hours

Course description

Generative Artificial Intelligence (AI) is becoming more functional and accessible, and AI agents are a key component of this evolution. This course will help you understand the AI agents, including when to use them and how to build them, using Azure AI Agent Service and Semantic Kernel Agent Framework. By the end of this course, students will have the skills needed to develop AI agents on Azure.

Learning objectives

After completing this course, students will be able to:

- Create agents in Azure AI Foundry portal
- Create agents using the Azure AI Agent Service SDK
- Extend agent capabilities with custom tools
- Create agents by using the Semantic Kernel SDK
- Create multi-agent solutions

Audience profile

This course is designed for software developers with existing programming skills in Python or Microsoft C# who want to build on their existing programming and generative AI development skills to build AI agents using the Azure AI Agent service.

Audience prerequisites

Before attending this course, you should have:

- Programming experience with Python or C#
- Conceptual knowledge of generative AI
- Familiarity with Azure AI services

Course Contents

- Introduction
- Get started with AI Agent development on Azure
- Develop an AI agent with Azure AI Agent Service
- Integrate custom tools into your agent
- Develop an AI agent with the Semantic Kernel SDK
- Orchestrate a multiagent solution using Semantic Kernel