

KOENIG SOLUTIONS • COURSE OUTLINE

AI-3026: Develop AI Agents on Azure

Learn to build AI agents on Azure using Azure AI Agent Service and the Semantic Kernel SDK, including multi-agent solutions.

8 Hours

DURATION

6

TOPICS

COURSE OVERVIEW

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.

WHO THIS COURSE IS FOR

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

PREREQUISITES

Before attending this course, you should have:

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

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

6 Topics

TOPICS

- 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

WHAT IS INCLUDED

Everything You Need to Succeed

- Koenig course material for every module
- Delivery by certified instructors and subject matter experts
- Hands-on exercises throughout the course
- Course completion certificate from Koenig

ABOUT KOENIG

Who We Are

Established in 1993, Koenig Solutions is a globally recognised training provider with 35+ technology partnerships, 5,000+ training programmes and a network of certified instructors and subject matter experts, supporting individuals and enterprise teams worldwide.

FLEXIBLE DELIVERY

Learn the Way That Suits You

Classroom Training

Live Online Classes (ILO)

Fly-Me-A-Trainer (FMAT)

Flexi (Self-Paced)

1-on-1 Training

Ready to Get Started?

Talk to a learning advisor about schedules, group training and customised delivery.

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