

Develop AI agents on Azure (AI-3026)

Cursusduur: 1 Dag Cursuscode: M-AI3026 Trainingsmethode: Virtual Learning

Beschrijving:

Create, deploy, and manage intelligent AI agents using Azure AI Foundry.

This course is designed to teach participants how to create, deploy, and manage intelligent AI agents using Azure AI Foundry. Students will learn to integrate advanced AI capabilities through agents into scalable, customizable solutions.

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Virtual Learning

This interactive training can be taken from any location, your office or home and is delivered by a trainer. This training does not have any delegates in the class with the instructor, since all delegates are virtually connected. Virtual delegates do not travel to this course, Global Knowledge will send you all the information needed before the start of the course and you can test the logins.

Doelgroep:

This course is designed for developers, data scientists, and IT professionals who want to build intelligent AI-driven solutions in Azure. It is ideal for individuals with a basic understanding of programming and cloud technologies looking to enhance their skills in creating scalable and interactive AI agents for business or personal projects.

Doelstelling:

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| ■ After completing this course, learners will be able to: | ■ Develop AI agents using Semantic Kernel and the associated SDKs |
| ■ Explain core concepts, use cases, and design considerations for AI agents | ■ Implement and orchestrate multi-agent solutions for collaborative workflows |
| ■ Build, test, and manage AI agents using Azure AI Foundry Agent Service | ■ Apply agent selection, orchestration, and termination strategies |
| ■ Create agents directly in the Azure AI Foundry portal and integrate them into applications | ■ Integrate AI agents with Azure projects using SDKs and development tools such as Visual Studio Code |
| ■ Extend agent capabilities by integrating custom tools and plugins | |

Vereiste kennis en vaardigheden:

Basic knowledge of Azure services and familiarity with AI concepts and Python programming is recommended.

Examens en certificering

None

Vervolg cursussen:

None

Cursusinhoud:

Module 1: Develop AI agents on Azure

- Get started with AI agent development on Azure
- Develop an AI agent with Microsoft Foundry Agent Service
- Develop AI agents with the Microsoft Foundry extension in Visual Studio Code
- Integrate custom tools into your agent
- Develop a multi-agent solution with Azure AI Foundry Agent Service
- Integrate MCP Tools with Azure AI Agents
- Develop an AI agent with Microsoft Agent Framework
- Orchestrate a multi-agent solution using the Microsoft Agent Framework
- Discover Azure AI Agents with A2A
- Build agent-driven workflows using Microsoft Foundry
- Build knowledge-enhanced AI agents with Foundry IQ

Nadere informatie:

Neem voor nadere informatie of boekingen contact op met onze Customer Service Desk 030 - 60 89 444

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