DEVELOP AI AGENTS ON AZURE (AI-3026)

Course Code: 834109

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.

What You'll Learn

After completing this course, learners will be able to:

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

Who Needs to Attend

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.

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CLASSROOM LIVE	$675 USD	1 Day

Classroom Live Outline

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

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VIRTUAL CLASSROOM LIVE	$675 USD	1 Day

Virtual Classroom Live Outline

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Jun 26 - 26, 2026 | 9:00 AM - 5:00 PM EDT

Sep 18 - 18, 2026 | 9:00 AM - 5:00 PM EDT

Dec 18 - 18, 2026 | 9:00 AM - 5:00 PM EST

Visit us at www.globalknowledge.com or call us at 1-866-716-6688.