AI-3026 Develop AI agents on Azure

Category: AI, Data & Analytics | **Vendor:** Microsoft Technical

Duration: 8.00 hours (1 days) **6.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format:	Instructor Led - Online
Certification:	Microsoft Applied Skills: Develop AI agents on Azure
Related Exam:	AI-3026

Course Overview

Generative Artificial Intelligence (AI) is becoming more functional and accessible, and AI agents are a key component of this evolution. This learning path 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 learning path, you will have the skills needed to develop AI agents on Azure.

About This Course

Generative Artificial Intelligence (AI) is becoming more functional and accessible, and AI agents are a key component of this evolution. This learning path 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 learning path, you will have the skills needed to develop AI agents on Azure.

Who Should Attend

Before starting this module, you should be familiar with fundamental AI concepts and services in Azure.

Prerequisites & Entry Requirements

General Prerequisites:

Before starting this module, you should be familiar with fundamental AI concepts and services in Azure.

Learning Outcomes

Upon successful completion of this course, participants will be able to:

Course ObjectivesUnderstand core concepts and development options for AI agents on Azure.Build, test, and integrate AI agents using Azure AI Agent Service.Leverage Semantic Kernel SDK to enhance AI agent capabilities.Integrate custom tools for advanced AI agent functionalities.Develop multi-agent solutions with custom collaboration strategies.Apply hands-on labs to gain real-world AI agent development experience., Course ObjectivesUnderstand core concepts and development options for AI agents on Azure.Build, test, and integrate AI agents using Azure AI Agent Service.Leverage Semantic Kernel SDK to enhance AI agent capabilities.Integrate custom tools for advanced AI agent functionalities.Develop multi-agent solutions with custom collaboration strategies.Apply hands-on labs to gain real-world AI agent development experience., Course ObjectivesUnderstand core concepts and development options for AI agents on Azure.Build, test, and integrate AI agents using Azure AI Agent Service.Leverage Semantic Kernel SDK to enhance AI agent capabilities.Integrate custom tools for advanced AI agent functionalities.Develop multi-agent solutions with custom collaboration strategies.Apply hands-on labs to gain real-world AI agent development experience., Course ObjectivesUnderstand core concepts and development options for AI agents on Azure.Build, test, and integrate AI agents using Azure AI Agent Service.Leverage Semantic Kernel SDK to enhance AI agent capabilities.Integrate custom tools for advanced AI agent functionalities.Develop multi-agent solutions with custom collaboration strategies.Apply hands-on labs to gain real-world AI agent development experience.

Detailed Course Outline

1 - Get started with AI agent development on Azure

- What are AI agents?
- Options for agent development
- Azure AI Agent Service
- Module assessment

2 - Develop an AI agent with Azure AI Agent Service

- What is an AI agent
- How to use Azure AI Agent Service
- Develop agents with the Azure AI Agent Service
- Module assessment

3 - Integrate custom tools into your agent

- Why use custom tools
- Options for implementing custom tools
- How to integrate custom tools
- Module assessment

4 - Develop an AI agent with Semantic Kernel

- Understand Semantic Kernel AI agents
- Create an Azure AI agent with Semantic Kernel
- Add plugins to Azure AI agent

5 - Orchestrate a multi-agent solution using Semantic Kernel

- Understand the Semantic Kernel Agent Framework
- Create an agent group chat
- Design an agent selection strategy
- Define a chat termination strategy

, Fundamentals of AI agents on Azure, Develop an AI agent with Azure AI Agent Service, Integrate custom tools into your agent, Develop an AI agent with Semantic Kernel, Orchestrate a multi-agent solution using Semantic Kernel

Certification Path

Microsoft Applied Skills: Develop AI agents on Azure

Exam: AI-3026

Upcoming Schedule

Available training dates for AI-3026 Develop AI agents on Azure:

Start Date	End Date	Location	Delivery	Price
24 Nov 2026	24 Nov 2026	Online	Virtual	€695.00

Frequently Asked Questions

Q: What delivery options are available for AI-3026 Develop AI agents on Azure?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: What certification does this course prepare me for?

The AI-3026 Develop AI agents on Azure course helps prepare you for the Microsoft Applied Skills: Develop AI agents on Azure certification path.

Q: Which exam does this course prepare me for?

This course prepares you for the AI-3026 official exam. You can take this exam at any exam center across United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online wherever you are located.

Q: How many CPD hours does this course provide?

The 1-day AI-3026 Develop AI agents on Azure course provides up to 6.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the AI-3026 Develop AI agents on Azure training?

The training takes place over 1 day(s), with each day lasting approximately 8.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for AI-3026 Develop AI agents on Azure?

Yes, we provide corporate training, dedicated training, and closed classes for AI-3026 Develop AI agents on Azure. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: AI-3026: Develop AI agents on Azure, Microsoft, vILT, AI-3026

Q: Why choose Nexus Human for AI-3026 Develop AI agents on Azure?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your AI-3026 Develop AI agents on Azure training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

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