MS-4015 Build custom agents for Microsoft Teams

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

Duration: 4.00 hours (1 days) **3.3 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format:	Instructor Led - Online
Certification:	Microsoft Applied Skills: Build custom agents for Microsoft Teams
Related Exam:	MS-4015

Course Overview

In MS-4015: Build custom engine agents with the Microsoft 365 Agents SDK, you'll learn how to build intelligent custom engine agents using the LLMs and AI components of your choice with the Microsoft 365 SDK. These custom engine agents can also be used to extend Microsoft 365 Copilot.

About This Course

In MS-4015: Build custom engine agents with the Microsoft 365 Agents SDK, you'll learn how to build intelligent custom engine agents using the LLMs and AI components of your choice with the Microsoft 365 SDK. These custom engine agents can also be used to extend Microsoft 365 Copilot.

Who Should Attend

MS-4015: Build custom engine agents with the Microsoft 365 Agents SDK is designed for learners interested in Microsoft 365 Agents SDK and developers who plan, create, and deploy custom engine agents and utilize Microsoft 365 Copilot.

Prerequisites & Entry Requirements

General Prerequisites:

Familiarity with Teams Toolkit, Visual Studio Code, Microsoft Teams, and creating chat bots.

Learning Outcomes

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

Course ObjectivesClassify and utilize the Copilot stack to create custom agents.Deploy applications using Azure OpenAI resources.Implement Retrieval-Augmented Generation (RAG) with your data.Set up and use Teams Toolkit for Visual Studio Code.Build and configure intelligent custom agents for Microsoft Teams., Course ObjectivesClassify and utilize the Copilot stack to create custom agents.Deploy applications using Azure OpenAI resources.Implement Retrieval-Augmented Generation (RAG) with your data.Set up and use Teams Toolkit for Visual Studio Code.Build and configure intelligent custom agents for Microsoft Teams., Course ObjectivesClassify and utilize the Copilot stack to create custom agents.Deploy applications using Azure OpenAI resources.Implement Retrieval-Augmented Generation (RAG) with your data.Set up and use Teams Toolkit for Visual Studio Code.Build and configure intelligent custom agents for Microsoft Teams., Course ObjectivesClassify and utilize the Copilot stack to create custom agents.Deploy applications using Azure OpenAI resources.Implement Retrieval-Augmented Generation (RAG) with your data.Set up and use Teams Toolkit for Visual Studio Code.Build and configure intelligent custom agents for Microsoft Teams., Course ObjectivesClassify and utilize the Copilot stack to create custom agents.Deploy applications using Azure OpenAI resources.Implement Retrieval-Augmented Generation (RAG) with your data.Set up and use Teams Toolkit for Visual Studio Code.Build and configure intelligent custom agents for Microsoft Teams., Course ObjectivesClassify and utilize the Copilot stack to create custom agents.Deploy applications using Azure OpenAI resources.Implement Retrieval-Augmented Generation (RAG) with your data.Set up and use Teams Toolkit for Visual Studio Code.Build and configure intelligent custom agents for Microsoft Teams., Course ObjectivesClassify and utilize the Copilot stack to create custom agents.Deploy applications using Azure OpenAI resources.Implement Retrieval-Augmented Generation (RAG) with your data.Set up and use Teams Toolkit for Visual Studio Code.Build and configure intelligent custom agents for Microsoft Teams., Course ObjectivesClassify and utilize the Copilot stack to create custom agents.Deploy applications using Azure OpenAI resources.Implement Retrieval-Augmented Generation (RAG) with your data.Set up and use Teams Toolkit for Visual Studio Code.Build and configure intelligent custom agents for Microsoft Teams., Course ObjectivesClassify and utilize the Copilot stack to create custom agents.Deploy applications using Azure OpenAI resources.Implement Retrieval-Augmented Generation (RAG) with your data.Set up and use Teams Toolkit for Visual Studio Code.Build and configure intelligent custom agents for Microsoft Teams., Course ObjectivesClassify and utilize the Copilot stack to create custom agents.Deploy applications using Azure OpenAI resources.Implement Retrieval-Augmented Generation (RAG) with your data.Set up and use Teams Toolkit for Visual Studio Code.Build and configure intelligent custom agents for Microsoft Teams., Course ObjectivesClassify and utilize the Copilot stack to create custom agents.Deploy applications using Azure OpenAI resources.Implement Retrieval-Augmented Generation (RAG) with your data.Set up and use Teams Toolkit for Visual Studio Code.Build and configure intelligent custom agents for Microsoft Teams.

Detailed Course Outline

1 - Understand Microsoft 365 Agents SDK

- Leverage the Copilot stack to accelerate your AI build
- Explore Microsoft 365 Agents SDK
- Module assessment

2 - Utilize an Azure OpenAI model to create an Agent

- Setting up the development environment
- Integrating Azure OpenAI and other AI services
- Understand Retrieval Augmented Generation (RAG) with Azure OpenAI Service
- Module assessment

3 - Build your custom Agent using Microsoft 365 Agents SDK

- Create a New Agent Project with the Microsoft 365 Agents SDK
- Implement the agent’s Logic
- Deploy the agent to Azure App Service and Teams
- Test and troubleshoot the agent locally and in Teams
- Module assessment

, Explore the Copilot stack, Utilize an Azure OpenAI model to create an app, Build your custom agent for Teams

□□ Certification Path

Microsoft Applied Skills: Build custom agents for Microsoft Teams

Exam: MS-4015

Frequently Asked Questions

Q: What delivery options are available for MS-4015 Build custom agents for Microsoft Teams?

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 MS-4015 Build custom agents for Microsoft Teams course helps prepare you for the Microsoft Applied Skills: Build custom agents for Microsoft Teams certification path.

Q: Which exam does this course prepare me for?

This course prepares you for the MS-4015 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 MS-4015 Build custom agents for Microsoft Teams course provides up to 3.3 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the MS-4015 Build custom agents for Microsoft Teams training?

The training takes place over 1 day(s), with each day lasting approximately 4.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for MS-4015 Build custom agents for Microsoft Teams?

Yes, we provide corporate training, dedicated training, and closed classes for MS-4015 Build custom agents for Microsoft Teams. 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: MS-4015: Build custom agents for Microsoft Teams, Microsoft, vILT, MS-4015

Q: Why choose Nexus Human for MS-4015 Build custom agents for Microsoft Teams?

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 MS-4015 Build custom agents for Microsoft Teams training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

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