Build plugins and connectors for Microsoft 365 Copilot (MS-4010)

Description

Develop Your Own Plug-ins for Microsoft 365 Copilot

Microsoft 365 Copilot offers powerful extensibility options to meet specific business needs. Through this training, you will learn how to create custom plug-ins and connectors to enhance user experience and automate complex business processes.

Whether you are an experienced developer or new to Microsoft Copilot, this course will guide you step by step. You will explore different ways to extend Copilot using plug-ins and connectors while following best practices for security and data management.

Master the Tools for Extending Microsoft 365 Copilot

Through interactive modules and practical exercises, you will discover how to integrate **Microsoft Graph** connectors, create declarative agents, and use APIs to enrich Copilot. By mastering these concepts, you will be able to optimize interactions between your applications and Microsoft 365 Copilot.

Course Content
Module 1: Microsoft 365 Copilot Extensibility Fundamentals

- What is Copilot extensibility?
- What are agents?
- What are declarative agents?
- What are custom engine agents?
- Add knowledge with Graph connectors
- Add skills with plugins

Module 2: Choosing a Microsoft 365 Copilot Extensibility Development Path

- Why extend Copilot?
- Which path for extensibility should you choose?
- Which development approach should you take?
- What development tools are available to extend Microsoft 365 Copilot?
- How are companies extending Microsoft 365 Copilot?
- How can I secure my data and ensure privacy?

Module 3: Introduction to Declarative Agents for Microsoft 365 Copilot

- What are declarative agents?
- How declarative agents work
- When to use declarative agents

Module 4: Build Your First Declarative Agent for Microsoft 365 Copilot Using Visual Studio Code

- Create a declarative agent
- Custom knowledge

- Conversation starters

Module 5: Build an Action for Declarative Agents with an API Plugin

- Create a declarative agent with an API plugin

Module 6: Use Adaptive Cards to Show Data in API Plugins for Declarative Agents

- Return rich responses with Adaptive Cards

Module 7: Add Custom Knowledge to Declarative Agents Using Microsoft Graph Connectors

- Create a declarative agent with a Microsoft Graph connector

Lab / Exercises

- This course provides you with exclusive access to the official Microsoft lab, enabling you to practice your skills in a professional environment.

Documentation

- Access to Microsoft Learn, Microsoft's online learning platform, offering interactive resources and educational content to deepen your knowledge and develop your technical skills.

Participant profiles

- Developers looking to extend Microsoft 365 Copilot
- Consultants specializing in Microsoft solutions
- Software architects and development engineers
- IT administrators working on tool integration
- Low/no-code professionals seeking to customize Copilot

Prerequisites

- Basic knowledge of application development
- Familiarity with the Microsoft 365 environment
- Understanding of APIs and connectors

Objectives

- Understand Microsoft 365 Copilot extensibility options
- Develop custom plug-ins and connectors
- Create and configure declarative agents
- Use Microsoft Graph to enrich Copilot
- Integrate APIs to connect external data
- Ensure security and data privacy

Description
Build plugins and connectors for Microsoft 365 Copilot (MS-4010)
Niveau
Intermédiaire
Classroom Registration Price (CHF)
900
Virtual Classroom Registration Price (CHF)
850
Duration (in Days)

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Reference
MS-4010