

# Extending Microsoft 365 Copilot with declarative agents using VS Code

Course code: MS-4010

This one-day course provides developers with the skills to extend Microsoft 365 Copilot by creating plugins and connectors. You will learn how to integrate external data sources and services into Copilot, enabling richer and more contextually relevant responses and actions.

## Who this course is for

- Developers and IT professionals interested in extending the capabilities of Microsoft 365 Copilot
- Professionals working on enterprise integrations and custom AI solutions

## Prerequisite knowledge

- Knowledge of Visual Studio Code
- Basic understanding of Microsoft 365 Copilot and Microsoft Graph
- Experience with REST APIs and authentication methods

## Course outline

- Introduction to Copilot extensibility
- Scenarios for extending Copilot with plugins and connectors
- The basics of declarative agents and custom actions
- Creating your first API plugin
- Defining and implementing API plugins using Visual Studio Code and Microsoft 365 Agents Toolkit
- Connecting plugins to external systems for real-time data access
- UI/UX enhancements using Adaptive Cards
- Creating and configuring Adaptive Cards templates
- Integrate cards into plugin APIs for better data visualization
- Authentication of API plugins
- Securing API integration
- Implement best practices for authentication in enterprise environments
- Creating and deploying custom connectors
- Using the Microsoft Graph Connector API to retrieve external data
- Configuring and testing connectors in Microsoft 365 Copilot

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