

MS 4010- Extend Microsoft 365 Copilot With Declarative Agents By Using Visual Studio Code



Days: 1

Audience: This training course is targeted at developers who are interested in extending and customizing Microsoft 365 Copilot. This includes both pro-code and low/no-code developers who want to learn about the different Copilot extensibility options available and how to choose the right option for their use case.

Description: This training course is designed to help you understand the extensibility options available for Microsoft 365 copilot. You will learn about the different ways to extend Copilot, including building plugins and connectors, and how to choose the right option for your use case. The course also covers best practices for building high-quality plugins and connectors, as well as data, privacy, and security considerations. Whether you are a pro-code or low/no-code developer, this course will help you chart your path to extending and customizing Microsoft 365 Copilot.

OUTLINE:

LESSON 1 - INTRODUCTION TO DECLARATIVE AGENTS FOR MICROSOFT 365 COPILOT

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

LESSON 2 - BUILD YOUR FIRST DECLARATIVE AGENT USING TYPESPEC

- What is TypeSpec?
- Module assessment

LESSON 3 - INTRODUCTION TO ACTIONS WITH API PLUGINS FOR DECLARATIVE AGENTS

- What are API plugins for declarative agents?
- How API plugins work
- When to use API plugins
- Module assessment

LESSON 4 - BUILD YOUR FIRST ACTION FOR DECLARATIVE AGENTS WITH API PLUGIN BY USING VISUAL STUDIO CODE

- Create a declarative agent with an API plugin
- Module assessment

LESSON 5 - USE ADAPTIVE CARDS TO SHOW DATA IN API PLUGINS FOR DECLARATIVE AGENTS

- Return rich responses with Adaptive Cards
- Module assessment

LESSON 6 - AUTHENTICATE YOUR API PLUGIN FOR DECLARATIVE AGENTS WITH SECURED APIS

- Integrate an API plugin with an API secured with a key
- Integrate an API plugin with an API secured with OAuth
- Module assessment

LESSON 7 - INTRODUCTION TO COPILOT CONNECTORS

- What are Copilot connectors?
- Understand external connections and schemas
- Explore methods for data retrieval and transformation
- Understand access controls and data security
- Module assessment

LESSON 8 - BUILD YOUR FIRST MICROSOFT 365 COPILOT CONNECTOR USING VISUAL STUDIO CODE

- Module assessment

LESSON 9 - MONITOR AND MAINTAIN MICROSOFT 365 COPILOT CONNECTORS

- Monitor and manage connector operations
- Troubleshoot connector issues and errors
- Manage access permissions and security
- Optimize connector performance