Extend Microsoft 365 Copilot with Declarative Agents by Using Visual Studio Code (MS-4010)

COURSE OVERVIEW
This course provides comprehensive knowledge and hands-on experience in building declarative agents using Visual Studio Code and Teams Toolkit. Participants start with an introduction to declarative agents, followed by practical labs that guide them through building their first agent, understanding API plugins, and implementing APIs. Advanced topics include creating adaptive cards, managing authentication for API plugins, and integrating Microsoft Graph connectors. By the end of the course, participants have a solid understanding of how to leverage declarative agents to enhance the functionality of Microsoft 365 Copilot.

PREREQUISITES
Familiarity with Microsoft Copilot, Microsoft Teams, and Microsoft 365.

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.

COURSE OBJECTIVES
- Introduction to declarative agents for Microsoft 365 Copilot
- Build your first declarative agent for Microsoft 365 Copilot by using Visual Studio Code
- Introduction to actions with API plugins for declarative agents
- Build your first action for declarative agents with API plugin by using Visual Studio Code
- Use Adaptive Cards to show data in API plugins for declarative agents
- Authenticate your API plugin for declarative agents with secured APIs
- Add custom knowledge to declarative agents using Copilot connectors and Visual Studio Code

COURSE OUTLINE
Introduction to declarative agents for Microsoft 365 Copilot
- What are declarative agents?
- How declarative agents work
- When to use declarative agents

Build your first declarative agent for Microsoft 365 Copilot by using Visual Studio Code
- Create a declarative agent
- Exercise - Create a declarative agent

- Custom knowledge
  - Exercise - Configure custom knowledge
  - Conversation starters
  - Exercise - Add conversation starters

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

Build your first action for declarative agents with API plugin by using Visual Studio Code
  - Create a declarative agent with an API plugin
  - Exercise - Create a declarative agent with an API plugin

Use Adaptive Cards to show data in API plugins for declarative agents
  - Return rich responses with Adaptive Cards
  - Exercise - Return rich responses with Adaptive Cards

Authenticate your API plugin for declarative agents with secured APIs
  - Integrate an API plugin with an API secured with a key
  - Exercise - Integrate an API plugin with an API secured with a key
  - Integrate an API plugin with an API secured with OAuth
  - Exercise - Integrate an API plugin with an API secured with OAuth

Add custom knowledge to declarative agents using Copilot connectors and Visual Studio Code
  - Create a declarative agent with a Copilot connector
  - Exercise - Create a declarative agent with a Copilot connector

---

WHY TRAIN WITH SUNSET LEARNING INSTITUTE?

Sunset Learning Institute (SLI) has been an innovative leader in developing and delivering authorized technical training since 1996. Our goal is to help our customers optimize their technology Investments by providing convenient, high quality technical training that our customers can rely on. We empower students to master their desired technologies for their unique environments.

What sets SLI apart is not only our immense selection of trainings options, but our convenient and consistent delivery system. No matter how complex your environment is or where you are located, SLI is sure to have a training solution that you can count on!

Premiere World Class Instruction Team
  - All SLI instructors have a four-year technical degree, instructor level certifications and field consulting work experience
  - Sunset Learning has won numerous Instructor Excellence and Instructor Quality Distinction awards since 2012

Enhanced Learning Experience
  - The goal of our instructors during class is ensure students understand the material, guide them through our labs and encourage questions and interactive discussions.

Convenient and Reliable Training Experience
- You have the option to attend classes live with the instructor, at any of our established training facilities, or from the convenience of your home or office
- All Sunset Learning Institute classes are guaranteed to run – you can count on us to deliver the training you need when you need it!

Outstanding Customer Service
- You will work with a dedicated account manager to suggest the optimal learning path for you and/or your team
- An enthusiastic student services team is available to answer any questions and ensure a quality training experience

Interested in Private Group Training?

Contact Us