DW-104 Build and extend your agents using pro-code capabilities with the Microsoft 365 Agents Toolkit and Copilot Studio

Duration 8 hrs

Day 1

Build and connect your agents to Microsoft 365 Copilot using pro-code capabilities

Module 1: Build agents for Microsoft 365 Copilot
Copilots and agents
Agents for Microsoft 365 Copilot
- Declarative agents
- Custom engine agents

Build agents for Microsoft 365 Copilot
Microsoft 365 Agents Toolkit
Build declarative agents using Microsoft 365 Agents Toolkit for Visual Studio
Add actions with plugins
Add knowledge with Copilot connectors
Microsoft 365 Agents SDK
Build custom engine agents using Microsoft 365 Agents SDK
Enhance AI solutions with Microsoft Copilot APIs

Hands on Labs
Build a RepairService declarative agent with TypeSpec definition using Microsoft 365 Agents Toolkit
Build an instructions-based Geo locator game agent using Microsoft 365 Agents Toolkit
Build your own agent with the M365 Agents SDK and Semantic Kernel

Day 2

Build your agents using pro-code capabilities with Copilot Studio and implement Agent control and governance

Module 2: Build your agents using pro-code capabilities with Copilot Studio
Microsoft Copilot Studio overview
Add tools to agents
- Extend with Model Context Protocol (MCP)
- Add computer use
- Use code interpreter

Deep reasoning in agents
Enable Azure AI Foundry capabilities in your Copilot Studio agents
- Build agent in Azure AI Foundry and bring it into Microsoft 365 Copilot Chat
- Enable agents to access your vectorized indices from Azure AI search
- Enhance agent capabilities by integrating custom models from Azure AI Foundry

Module 3: Implement agent control and governance

Copilot Control System

Secure and manage your AI agents using Microsoft Entra Agent ID

Existing Security & Governance Capabilities

Agent Security and Governance

Agent Management Controls

Introduction to Agent Cost Controls

- Agent Cost Controls across Microsoft 365 admin center
- Agent Cost Controls across Power Platform admin center

Hands on Labs

Deploy a MCP Server and use it in the Copilot Studio

Create a Retail agent in Copilot Studio that leverages Azure AI Search and bring your own model for your prompts