

Microsoft Copilot Studio Development

Duration 5 days (40 hours)

Module 1: Get started with Power Platform and Microsoft Copilot Studio

- Introduction to Power Platform
- Introduction to Copilot Studio
- Get started working with environments
- Create agents and work with the Microsoft Copilot Studio interface
- Create topics
- Enhancing productivity with Generative AI
- Test your agents
- Publish agents and analyze performance

Module 2: Manage topics in Microsoft Copilot Studio

- Work with agent topics
- Bot Framework Skills
- Branch a topic
- Create topics for existing support content
- Work with system fallback topics
- Manage topics

Module 3: Work with entities and variables in Microsoft Copilot Studio

- Work with entities
- Custom entities
- Use entities in conversations
- Work with variables
- Reuse variables across topics

Module 4: Enhance Microsoft Copilot Studio bots

- Use Power Automate to add actions
- Agent actions
- Transfer conversations to agents by using Omnichannel for Customer Service
- Create topics for existing support content
- Trigger types
- Analyze bot performance

Module 5: Deliver rich agent responses using Adaptive Cards in Microsoft Copilot Studio

- Configure message formatting in agent topic
- Design informational Adaptive Cards for agent responses
- Collect user input with interactive Adaptive Cards
- Apply channel-specific considerations for Adaptive Cards

Module 6: Take action from agent conversations using topics and tools in Microsoft Copilot Studio

- Call tools from agent topics
- Call agent flows from agent topics
- Retrieve and send data using the HTTP request node

Module 7: Generate AI-powered agent responses using generative answers in Microsoft Copilot Studio

- Configure the generative answers node in a topic
- Connect custom knowledge sources to a generative answers node
- Shape AI responses with custom instructions
- Author and configure custom prompts in topics

Module 8: Use tools in Copilot Studio

- Overview of tools
- Build a custom prompt tool
- Build an agent flow

Module 9: Make your agent autonomous in Copilot Studio

- Autonomous triggers in Copilot Studio
- Make your agent autonomous

Module 10: Design multi-agent solutions in Microsoft Copilot Studio

- Understand multi-agent architectures in Copilot Studio
- Design multi-agent solutions using child agents
- Design multi-agent solutions using connected agents

Module 11: Delegate agent tasks using child agents in Copilot Studio

- Understand child agents in Copilot Studio
- Create and configure a child agent
- Configure child agent inputs, outputs and trigger behavior
- Test and manage child agents

Module 12: Build multi-agent solutions using connected agents in Copilot Studio

- Understand connected agents in Copilot Studio
- Connect an existing Copilot Studio agent
- Connect a Microsoft Foundry Agent
- Connect a Microsoft Fabric Data Agent
- Manage and test your connected agent solution

Module 13: Build cross-platform multi-agent solutions using the Agent2Agent protocol in Microsoft Copilot Studio

- Understand the Agent2Agent (A2A) protocol
- Connect a Copilot Studio agent to an A2A-enabled agent
- Test and validate an A2A agent connection

Module 14: Design integration strategies for agents in Microsoft Copilot Studio

- Explore the Copilot Studio integration landscape
- Compare action integration patterns
- Authenticate and govern agent integrations
- Select integration patterns for enterprise scenarios

Module 15: Take action in external systems using connector and REST API agent tools in Microsoft Copilot Studio

- Understand connector and REST API tools in Copilot Studio
- Add prebuilt and custom connector tools to an agent
- Configure authentication for connector tools

- Add a REST API tool using an OpenAPI specification

Module 16: Ground agents with enterprise knowledge using connectors and Azure AI Search in Microsoft Copilot Studio

- Choose between Copilot connector and Power Platform connector knowledge sources
- Add Copilot connectors as knowledge sources
- Configure Power Platform connectors as real-time knowledge sources
- Connect an agent to Azure AI Search

Module 17: Integrate agents with external systems via MCP in Microsoft Copilot Studio

- Understand MCP and its role in Copilot Studio integration
- Connect an agent to an existing MCP server
- Configure authentication for MCP server connections
- Enable and manage MCP tools on an agent