

KOENIG SOLUTIONS · COURSE OUTLINE

Microsoft Copilot Studio Development

Learn to build, enhance and integrate agents in Microsoft Copilot Studio, from topics and tools to multi-agent and enterprise integration.

5 Days

40 HOURS

17

MODULES

72

TOPICS

COURSE OVERVIEW

This course covers building agents in Microsoft Copilot Studio, starting with the Power Platform interface, topics, entities and variables, then extending agents with Power Automate actions, adaptive cards, generative answers and custom tools. It goes on to autonomous triggers and multi-agent solutions built with child agents, connected agents and the Agent2Agent protocol. The course also addresses integration strategies, connector and REST API tools, grounding agents with enterprise knowledge through Azure AI Search, and connecting agents to external systems via MCP.

WHO THIS COURSE IS FOR

Power Platform Developers

Copilot Studio Developers

Bot Developers

Solution Architects

Integration Developers

LEARNING OBJECTIVES

- Explain the Power Platform and Copilot Studio interface
- Create and manage agent topics, entities and variables
- Apply Power Automate actions and trigger types to agents
- Design adaptive cards for informational and interactive responses
- Configure generative answers and custom prompts in topics
- Design multi-agent solutions using child and connected agents
- Compare integration patterns for connector, REST API and MCP tools
- Connect agents to enterprise knowledge using Azure AI Search

17 Modules, 72 Topics

01

Get Started with Power Platform and Microsoft Copilot Studio

TOPICS

- 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

02

Manage Topics in Microsoft Copilot Studio

TOPICS

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

03

Work with Entities and Variables in Microsoft Copilot Studio

TOPICS

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

04

Enhance Microsoft Copilot Studio Bots

TOPICS

- 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

05

Deliver Rich Agent Responses Using Adaptive Cards in Microsoft Copilot Studio

TOPICS

- 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

06

Take Action from Agent Conversations Using Topics and Tools in Microsoft Copilot Studio

TOPICS

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

07

Generate AI-powered Agent Responses Using Generative Answers in Microsoft Copilot Studio

TOPICS

- 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

08

Use Tools in Copilot Studio

TOPICS

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

09

Make Your Agent Autonomous in Copilot Studio

TOPICS

Autonomous triggers in Copilot Studio · Make your agent autonomous

10

Design Multi-agent Solutions in Microsoft Copilot Studio

TOPICS

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

11

Delegate Agent Tasks Using Child Agents in Copilot Studio

TOPICS

- 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

12

Build Multi-agent Solutions Using Connected Agents in Copilot Studio

TOPICS

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

13

Build Cross-platform Multi-agent Solutions Using the Agent2Agent Protocol in Microsoft Copilot Studio

TOPICS

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

14

Design Integration Strategies for Agents in Microsoft Copilot Studio

TOPICS

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

15

Take Action in External Systems Using Connector and REST API Agent Tools in Microsoft Copilot Studio

TOPICS

- 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

16

Ground Agents with Enterprise Knowledge Using Connectors and Azure AI Search in Microsoft Copilot Studio

TOPICS

- 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

17

Integrate Agents with External Systems via MCP in Microsoft Copilot Studio

TOPICS

- 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

WHAT IS INCLUDED

Everything You Need to Succeed

- Koenig course material for every module
- Delivery by certified instructors and subject matter experts
- Hands-on exercises throughout the course
- Course completion certificate from Koenig

ABOUT KOENIG

Who We Are

Established in 1993, Koenig Solutions is a globally recognised training provider with 35+ technology partnerships, 5,000+ training programmes and a network of certified instructors and subject matter experts, supporting individuals and enterprise teams worldwide.

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