

KOENIG SOLUTIONS • COURSE OUTLINE

DW-104: Build and Extend agents using pro-code capabilities with Microsoft 365 Agents and Copilot

Learn to build, extend and govern agents for Microsoft 365 Copilot using pro-code tools, Copilot Studio and Entra Agent ID.

2 Days

8 HOURS

3

MODULES

26

TOPICS

5

HANDS-ON ACTIVITIES

COURSE OVERVIEW

This course covers building agents for Microsoft 365 Copilot, including declarative agents and custom engine agents, using the Microsoft 365 Agents Toolkit and Microsoft 365 Agents SDK, with plugins, Copilot connectors and Copilot APIs. It then addresses building agents with pro-code capabilities in Copilot Studio, adding tools such as Model Context Protocol, computer use and code interpreter, and enabling Azure AI Foundry capabilities including vectorized indices and custom models. Finally, it covers agent control and governance through the Copilot Control System, Microsoft Entra Agent ID, security and governance capabilities, management controls and cost controls across the Microsoft 365 and Power Platform admin centers.

WHO THIS COURSE IS FOR

Software Developers

Solution Architects

Power Platform Developers

AI Engineers

IT Administrators

LEARNING OBJECTIVES

- Explain the difference between copilots and agents
- Build declarative agents using Microsoft 365 Agents Toolkit
- Build custom engine agents using Microsoft 365 Agents SDK
- Add actions and knowledge with plugins and Copilot connectors
- Configure tools such as MCP, computer use and code interpreter
- Integrate Azure AI Foundry capabilities into Copilot Studio agents
- Apply agent security and governance using Microsoft Entra Agent ID
- Plan agent cost controls across Microsoft 365 and Power Platform

3 Modules, 26 Topics

DAY 1

Build and Connect Your Agents to Microsoft 365 Copilot Using pro-code Capabilities

01**3 Activities**

Build Agents for Microsoft 365 Copilot

TOPICS

- 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

DAY 2

Build Your Agents Using pro-code Capabilities with Copilot Studio and Implement Agent Control and Governance

02

Build Your Agents Using pro-code Capabilities with Copilot Studio

TOPICS

- 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

Implement Agent Control and Governance

TOPICS

- 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 ACTIVITIES

Practise What You Learn

#	MODULE	ACTIVITY
01	Build Agents for Microsoft 365 Copilot	■ 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
03	Implement Agent Control and Governance	■ 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

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.

FLEXIBLE DELIVERY

Learn the Way That Suits You

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Live Online Classes (ILO)

Fly-Me-A-Trainer (FMAT)

Flexi (Self-Paced)

1-on-1 Training

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