Simplify agent development with Copilot Studio

Course Overview

Duration - 12 Hours | Level - Intermediate

Copilot Studio offers graphical development environment to build copilots using generative AI, sophisticated dialog creation, plugin capabilities, process automation, and built-in analytics that work with Microsoft conversational AI tools. Attend this workshop to learn how to build and run your own copilots across websites and other channels to serve employees and customers.

Course Modules

Day 1

Module 1 - Build and customize agents with Microsoft Copilot Studio

Revisit Microsoft 365 Copilot Understand copilots and agents Microsoft Copilot Studio overview Understand the different types of agents Agents in Copilot Studio – Design new, install managed agents, use pre-defined templates Define the logic for agents with Topics Work with variables, entities and triggers Test and publish agents - Overview Understand Multi-agent orchestration Design voice agents Ground agents with knowledge

Hands on Labs

Develop a knowledge base assistant in Copilot Studio Develop a multi agent system to assist the Marketing department in Contoso Marketing company

Day 2

Module 2 – Design agents with Generative AI, tools and pro-code development in Microsoft Copilot Studio

Generative AI in Copilot Studio Orchestrate agent behavior with generative AI Anatomy of an agent Introduction to Agent Tools Model Context Protocol (MCP) (preview) Use deep reasoning models Enhance automation with agent flows and connectors Understand Create search query action Copilot Studio Agents & Azure AI Foundry- better together Pro-code development in Microsoft Copilot Studio

Hands on Labs

Create a Knowledge Assistant agent for HR in Copilot Studio that leverages Azure AI Search

Day 3

Module 3 - Agent analytics, security and governance in Microsoft Copilot Studio

Publish an agent to different channels Review agent activity Manage agents in Copilot Studio Understand the analytics in Copilot Studio Manage your agents with a central admin center Secure and manage your AI agents using Microsoft Entra Agent ID Microsoft Copilot Studio Security and Governance Purview integration with Copilot Studio Responsible AI for Microsoft Copilot Studio

Hands on Labs

Develop a Personalized Shopping Assistant autonomous agent