Technofocus

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