

Developing Agents and Copilots for Microsoft 365 & Microsoft Teams (M365-PILOT)

ID M365-PILOT Price on request Duration 5 days

Who should attend

- Microsoft 365 & AI Developers
- Decision Makers

Prerequisites

- Basic Microsoft 365 Platform & Teams Development Skills
- Basic Azure Development Skills
- C#, Node.js Developer Skills (helpful for most modules)

Microsoft 365 Developer Skills can be acquired through the following resources:

[Microsoft 365 - Client Side Development Fundamentals \(M365-CSDF\)](#)

Course Content

Introduction to Developing Agents and Copilots for Microsoft 365

- Overview of the Microsoft 365 platform & Copilot for Microsoft 365
- Generative AI & Large Language Models (LLMs) & Semantic Index
- Teams AI Library & Microsoft 365 Agents SDK
- Prompt Engineering & Copilot Pages
- Microsoft Copilot Extensibility Fundamentals
- Choose a Copilot Extensibility Development path
- Development Tools & Environment Setup

Extend Microsoft Copilot for Microsoft 365 with Copilot Studio

- Microsoft Copilot extensibility fundamentals
- Introduction to Copilot Studio actions
- Create prompt actions for Microsoft Copilot for Microsoft 365 in Copilot Studio
- Create connector actions for Microsoft Copilot for Microsoft 365 in Copilot Studio
- Create conversational actions for Microsoft Copilot for Microsoft 365 in Copilot Studio

- Implementing Agents in Copilot Studio
- Topics, Entities and Variables
- Adding Actions & Integrating Data
- Customizing SharePoint One-Click Agents using Copilot Studio
- Guided Project - Create copilots with Microsoft Copilot Studio

Teams & Azure Essentials for Copilot Developers

- Teams Admin- & Developer Portal,
- Teams Toolkit & Teams Toolkit CLI
- Dev Tunnel & Dev Tunnel CLI
- Deploy Azure Resources with Bicep
- App Registrations & Single Sign-On (SSO)
- Introduction to Conversational Bots

Implement Agents for Microsoft 365 using Teams AI Library

- Introduction to Teams AI library & Large Language Models (LLM)
- Declarative Agents vs Custom Engine Agents
- Implementing Declarative Agents for Microsoft 365 Copilot
- Extend declarative agents with API plugins
- Implementing Custom Engine Agents for Microsoft 365
- Enhance your agent using custom data and Azure AI Search (RAG)
- Enhance the user experience using Adaptive Cards
- Configure Single Sign-On & Graph based Actions

Build Plugins and Connectors for Microsoft Copilot for Microsoft 365 using Teams Toolkit

- Copilot for Microsoft 365 Extension Architecture
- Microsoft Graph Connectors vs Plugins
- Integrate Enterprise data using Microsoft Graph Connectors for Copilot for Microsoft 365
- Authentication & Microsoft Graph Access
- Adding Skills using Plugins
- Message Extensions- vs Api based Plugins
- Guided Project - Build a message extension plugin with TypeScript (TS) for Microsoft Copilot

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Training Centres worldwide



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