Introduction to building AI agents (MS-4014) Training

Duration: **3 Day**

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Overview

This **Microsoft 365 Copilot AI Agent Development** course provides developers and app makers with the skills to build, extend, and customize Copilot experiences using tools such as **Copilot Studio**, **Azure AI Foundry**, **Microsoft 365 Agents Toolkit**, and **Teams AI Library**.
Participants will explore AI extensibility paths and learn how to create intelligent solutions within the Microsoft ecosystem.

Prerequisites

Participants should have:

- Basic understanding of Microsoft 365 Copilot.
- Familiarity with generative AI concepts (agents, models, orchestration).
- Foundational knowledge of Microsoft Cloud, Power Platform, and Azure.

Who Should Attend

- Developers learning to build AI agents in the Microsoft environment.
- App makers extending Copilot functionality.
- Technical professionals building AI-powered enterprise solutions.

What You Will Learn

By completing this course, you will be able to:

- Define AI agents, their components, and practical business use cases.
- Differentiate between Microsoft AI agent solutions and their ideal applications.
- Evaluate extensibility options for **Microsoft 365 Copilot**.
- Select the right development tools and paths for your scenario.
- Design and implement AI-driven Copilot extensions with **Copilot Studio**, **Azure AI Foundry**, and **Teams AI Library**.

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Outline

Introduction to AI Agent Development

- Core architecture, components, and real-world applications.

Microsoft AI Agent Solutions

- Overview of Microsoft’s agent ecosystem and use cases.

Extending Microsoft 365 Copilot

- Adding data, logic, and custom actions to Copilot.

Custom AI Agent Development

- Comparison of tools such as Copilot Studio, Azure AI Foundry, and Teams AI Library.

Hands-on Experience

- Interactive self-paced modules
- Practical labs with Microsoft AI development tools
- Scenario-based exercises to reinforce concepts