

MS-4014: Build a foundation to extend Microsoft 365 Copilot

Course Duration: 8 Hours

Course code: MS-4014

1. Course Overview

The **MS-4014: Build a foundation to extend Microsoft 365 Copilot** course equips learners with the essential knowledge and skills to enhance and extend Microsoft 365 Copilot capabilities. Participants will learn how to integrate data, use Microsoft Graph connectors, and leverage extensibility tools to create customized Copilot experiences tailored to organizational needs. Through hands-on exercises and real-world scenarios, you will gain the expertise to maximize Copilot's potential in driving productivity and collaboration across Microsoft 365 applications.

2. What You'll Learn?

By the end of this course, you will be able to:

- Understand the core functionalities and architecture of Microsoft 365 Copilot.
- Integrate custom data sources with Microsoft 365 Copilot.
- Work with Microsoft Graph connectors for data connectivity.
- Apply security and compliance best practices in Copilot extensions.
- Customize Copilot experiences for specific business requirements.
- Use developer tools and APIs to extend Copilot's capabilities.

3. Target Audience

This course is designed for:

- Developers and IT professionals seeking to extend Microsoft 365 Copilot.
- Solution architects and consultants working with Microsoft 365 solutions.
- Business application developers aiming to integrate AI into workflows.
- Technical professionals who want to explore Microsoft Graph and data integration.

4. Pre-Requisites

Before attending this course, participants should have:

- Basic understanding of Microsoft 365 services and applications.
- Familiarity with Microsoft Graph concepts.
- Experience with APIs and application development is recommended but not mandatory.

5. Course Content

Module 1: Introduction to Microsoft 365 Copilot

- Overview of Copilot features and capabilities
- Understanding Copilot architecture
- AI integration in Microsoft 365

Module 2: Extending Copilot with Microsoft Graph

- Introduction to Microsoft Graph API
- Connecting external data sources
- Building and managing Graph connectors

Module 3: Customizing Copilot Experiences

- Personalizing AI interactions

- Creating business-specific extensions
- Implementing adaptive cards and plugins

Module 4: Security, Compliance, and Governance

- Data privacy and compliance considerations
- Role-based access control for Copilot extensions
- Best practices for secure integration

Module 5: Developer Tools and Deployment

- Using developer tools to build Copilot extensions
- Testing and debugging
- Deployment strategies for enterprise environments

