

MS-4010: Build plugins and connectors for Microsoft 365 Copilot Course

Course Duration: 8 Hours

Course code: MS-4010

1. Course Overview

The **MS-4010: Build Plugins and Connectors for Microsoft 365 Copilot** course is designed to equip developers and IT professionals with the skills to extend the capabilities of Microsoft 365 Copilot. You will learn to create custom plugins and connectors that integrate seamlessly with Microsoft 365 apps, enabling organizations to unlock more productivity, automation, and tailored experiences. This course blends theory with hands-on practice, ensuring you can design, build, and deploy solutions that meet your organization's unique needs.

2. What You'll Learn?

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

- Understand the architecture and capabilities of Microsoft 365 Copilot.
- Design and develop custom plugins to extend Copilot functionality.
- Build and configure connectors to integrate external data sources with Microsoft 365.
- Use Microsoft Graph and APIs for advanced customization.
- Implement best practices for deployment, security, and governance of plugins and connectors.
- Troubleshoot and maintain solutions for optimal performance.

3. Target Audience

This course is ideal for:

- Developers creating custom solutions for Microsoft 365 Copilot.
- Solution architects seeking to integrate business applications with Microsoft 365.
- IT professionals managing Microsoft 365 environments who want to extend its capabilities.
- Technical consultants and system integrators.

4. Pre-Requisites

Participants should have:

- Basic knowledge of Microsoft 365 services and applications.
- Familiarity with Microsoft Graph and REST APIs.
- Experience with JavaScript, TypeScript, or C#.
- Understanding of cloud concepts and Azure fundamentals is recommended.

5. Course Content

Module 1: Introduction to Microsoft 365 Copilot

- Overview of Copilot architecture and capabilities
- Role of plugins and connectors in extending functionality

Module 2: Setting Up the Development Environment

- Required tools, SDKs, and frameworks
- Configuring authentication and permissions

Module 3: Building Custom Plugins

- Plugin design principles
- Implementing core functionalities

- Testing and debugging plugins

Module 4: Creating and Configuring Connectors

- Connector types and use cases
- Integrating external data sources
- Managing data access and compliance

Module 5: Working with Microsoft Graph and APIs

- Using Graph APIs for customization
- Advanced data queries and manipulation

Module 6: Deployment and Governance

- Publishing plugins and connectors in the Microsoft 365 environment
- Security, compliance, and lifecycle management

Module 7: Troubleshooting and Optimization

- Common issues and solutions
- Performance tuning and scalability best practices