



# Build a foundation to build AI agents and extend Microsoft 365 Copilot (MS-4014)

**ID MS-4014** **Price 690.—** €excl. tax **Duration 1 day**

## Course Overview

Prepare to build AI agents and extend Microsoft 365 Copilot using Copilot Studio, Azure AI Foundry, Microsoft 365 Agents Toolkit, and more. Explore agent use cases, development paths, tools, and related considerations.

## Prerequisites

- Familiarity with Microsoft 365 Copilot
- Basic knowledge of generative AI concepts (agent, model, orchestration, etc.)
- Familiarity with core Microsoft Cloud platforms (Microsoft 365, Power Platform, and Azure)

## Course Content

### Introduction to developing AI agents

Explore what AI agents are, understand their core components, and discover a range of impactful use cases driving AI-powered transformation.

- Introduction
- AI transformation and agents
- AI agent use cases
- AI agent components
- Module assessment
- Summary

### Introduction to Microsoft AI agent solutions

Explore Microsoft AI agent solutions and gain clarity on when to adopt, extend, or develop custom agent solutions based on your scenario and objectives.

- Introduction
- The Microsoft AI agent ecosystem
- Maximize Microsoft 365 Copilot, Copilot Chat, and agents
- Customize and extend Microsoft 365 Copilot
- Build custom AI agents and applications

- Compare AI agent solutions
- Module assessment
- Summary

### Choose the best Microsoft 365 Copilot extensibility path for your scenario

Explore development options for extending Microsoft 365 Copilot with custom data, logic, and actions. Determine the best approach for your scenario.

- Introduction
- Identify extensibility options
- Analyze the decision criteria
- Extend Copilot's knowledge with Copilot connectors
- Build declarative agents in Copilot Studio
- Build declarative agents with Visual Studio Code and Microsoft 365 Agents Toolkit
- Deploy custom agents to Microsoft 365 Copilot
- Module assessment
- Summary

### Choose a custom AI agent development path

Explore development paths for building custom AI agents for internal use or commercial applications. Compare tools and services like Copilot Studio, Azure AI Foundry, Microsoft 365 Agents SDK, and Teams AI Library.

- Introduction
- Identify custom AI agent development options
- Analyze decision criteria
- Build custom agents with Copilot Studio
- Build custom engine agents for Microsoft Teams
- Build multi-channel agent solutions with the Microsoft 365 Agents SDK
- Build scalable, enterprise-grade generative AI solutions on Azure
- Module assessment
- Summary

# About Fast Lane



Fast Lane is a global, award-winning specialist in technology and business training as well as consulting services for digital transformation. As the only global partner of the three cloud hyperscalers- Microsoft, AWS and Google- and partner of 30 other leading IT vendors, Fast Lane offers qualification solutions and professional services that can be scaled as needed. More than 4,000 experienced Fast Lane professionals train and advise customers in organizations of all sizes in 90 countries worldwide in the areas of cloud, artificial intelligence, cyber security, software development, wireless and mobility, modern workplace, as well as management and leadership skills, IT and project management.

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- ✓ E-Learning
- ✓ Blended & Hybrid Learning
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