

# Build custom agents for Microsoft Teams (MS-4015)

## Description

### Create intelligent agents for Microsoft Teams

Microsoft Teams has become an essential tool for business collaboration. With the rise of AI and solutions like Microsoft 365 Copilot, optimizing and automating team interactions is now possible. This training will teach you how to create custom agents tailored to your company's specific needs.

### Develop advanced solutions with the Teams AI Library

This course will guide you step by step in using the Teams AI Library to design intelligent applications. You will learn how to leverage Azure OpenAI models, connect your data, and integrate your agents into Microsoft Teams. Through hands-on exercises and detailed modules, you will master the various Copilot extensibility options and learn how to configure your own solutions.

## Course Content

### Module 1: Explore the Copilot stack

- Classify the different Copilot stacks suitable for business needs
- Explore custom agents for Teams with the Teams AI Library
- Leverage the Copilot stack to accelerate AI development
- Understand the different Copilot extensibility options

### Module 2: Utilize an Azure OpenAI model to create an app

- Access and configure Azure OpenAI Service
- Understand Retrieval-Augmented Generation (RAG) with Azure OpenAI Service
- Implement RAG with custom data and Azure OpenAI models
- Integrate Azure OpenAI models with data in Teams
- Install and set up Teams Toolkit for Visual Studio Code

### Module 3: Build your custom agent for Teams

- Develop a custom engine agent for Microsoft Teams
- Prepare and structure a guided agent project
- Create a Teams app for the custom engine agent
- Configure and optimize the custom engine agent

## Lab / Exercises

- This course provides you with exclusive access to the official Microsoft lab, enabling you to practice your skills in a professional environment.

## Documentation

- Access to Microsoft Learn, Microsoft's online learning platform, offering interactive resources and educational content to deepen your knowledge and develop your technical skills.

## Participant profiles

- Developers looking to create intelligent applications for Microsoft Teams
- Software engineers specializing in Microsoft 365 solutions
- Technical architects working with AI and automation
- IT consultants aiming to integrate AI into collaborative environments

### **Prerequisites**

- Proficiency in Microsoft Teams and its features
- Knowledge of application development with Teams Toolkit
- Understanding of artificial intelligence and conversational bots

### **Objectives**

- Explore the Copilot stack and its various applications
- Use the Teams AI Library to create custom agents
- Deploy an application using Azure OpenAI models
- Configure and optimize a custom agent for Microsoft Teams
- Integrate data and AI models into Teams
- Install and configure Teams Toolkit for Visual Studio Code

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### **Niveau**

Avancé

### **Classroom Registration Price (CHF)**

900

### **Virtual Classroom Registration Price (CHF)**

850

### **Duration (in Days)**

1

### **Reference**

MS-4015