

## Develop Low- and Pro-Code Agents and Copilots for Microsoft 365

#### ID M365-PILOT Price CHF 4,900.—(excl. VAT) Duration 5 days

#### Who should attend

- Microsoft 365 & AI Developers
- Decision Makers

#### Prerequisites

- Basic Microsoft 365 Platform Development Skills
- Basic Azure Development Skills
- C#, Typescript

#### **Course Content**

#### Module 1: Introduction to Copilot Extensibility & Agents

#### **Copilot Extensibility**

- Introduction to Agents and Copilots for Microsoft 365
- The Microsoft 365 platform & Copilot for Microsoft 365 Ecosystem
- Agent Types and approaches
- Extensibility Options: Adopt Extend Build
- Teams AI Library & Microsoft 365 Agents SDK
- Copilot & Copilot Studio Licensing Options (Full vs PAYG)

#### Agent Essentials

- What is an Agent?
- Key Components of an Agent: Knowledge & Tools
- Introduction to Model Context Protocol (MCP)
- Introduction & Benefits of Multi-Agent Scenarios
- Agent Builder, Copilot Studio, Microsoft 365 Agent Toolkit

## Module 2: Implementing Low-Code Agents using Microsoft Copilot Studio

#### **Copilot Studio Basics**

- Microsoft Copilot extensibility fundamentals
- Introduction to Copilot Studio actions
- Implementing Agents in Copilot Studio
- Topics, Entities and Variables
- Adding Actions & Integrating Data
- Introduction to Channels

• Publish Agents to Microsoft 365

#### **Advanced Copilot Studio Agents**

- Copilot Studio Visual Studio Code Extension
- Autonomous Agents & Triggers
- Using Adaptive Cards & Code Interpreter
- Using Managed Agents: Document Processor, ...
- Use deep reasoning models for complex tasks
- · Debugging Agents & Using Analytics And Insights
- Advanced Channels: Webapp, Twilio, ...
- Setup multi-agent orchestration
- Implementing multi agent-solution

#### **Extending Copilot Studio Agents**

- Prompt Actions
- Implementing & Using Connectors
- Using Agent Flows to Automate Tasks
- Use MCP in Copilot Studio
- Consuming REST APIs in Copilot Studio

#### Module 3: Implementing Pro-Code Agents

#### **Overview Pro-Code Agents for Microsoft 365**

- Introduction to Microsoft 365 Agent Toolkit & Agent Toolkit CLI
- Pro Code Declarative Agents vs Custom Engine Agents
- Microsoft Agent SDK vs Teams AI Library v2
- Integrate Enterprise data using Copilot Connectors
- Using the Copilot Retrieval Api

#### **Implement Declarative Agents for Microsoft 365**

- Declarative Agents for Microsoft 365 Copilot Overview
- Creating Declarative Agents using Microsoft 365 Agent Toolkit (Typescript, .NET)
- Deploying, Debugging & Fixing Errors using @m365agents and m365agentstoolkit-cli
- Agent Capabilities In Depth
- Manage Knowledge and Conversation Starters
- Implementing Key-based & EntraID Authentication
- Extend Agents Actions with API Plugins
- Enhance Presentation using Adaptive Cards

### Develop Low- and Pro-Code Agents and Copilots for Microsoft 365 (M365-PILOT)

• Build Declarative Agents using TypeSpec

# Implementing Custom Engine Agents using Microsoft Agent SDK

- Introduction & Benefits of using Microsoft Agent SDK
- Implementing Custom Engine Agents for Microsoft 365
- Enhance your agent using custom data and Azure Al Search (RAG)
- Implement Graph based Actions
- Using Semantic Kernel as Orchestrator
- Consuming Model Context Protocol (MCP) Tool
- Integrating Agents from Azure Agents AI Service

# Implementing Custom Engine Agents using the Teams AI Library

- Introduction & Benefits of using Teams AI Library
- Dev Tunnels, Dev Tunnel CLI & Tenant preparation
- Create a custom engine agent using Teams AI Library
- Understanding Project Structure & Metadata
- Integrate Enterprise Data using RAG
- Predictable Dialogs using Adaptive Cards
- App Registrations & Single Sign-On (SSO)
- Add actions to handle complex tasks

#### Module 4: Deploying, Securing & Monitoring Agents for Microsoft 365

- Copilot Security & Compliance
- Introduction to Copilot Controls
- Copilot Studio Environment Architecture
- Publishing and Deploying Copilot Studio Agents
- Publish and Analyze Pro-Code Agents

### Develop Low- and Pro-Code Agents and Copilots for Microsoft 365 (M365-PILOT)

Training Centres worldwide





Fast Lane Institute for Knowledge Transfer (Switzerland) AG

Husacherstrasse 3 CH-8304 Wallisellen Tel. +41 44 832 50 80

info@flane.ch, https://www.flane.ch