

Smart Agents for Microsoft Fabric - Copilot and AI Skill

Course Description: This comprehensive training session covers the fundamentals and advanced features of Microsoft's smart agents - Copilot and AI Skill, within the Microsoft Fabric environment. Participants will learn how to leverage these tools for data engineering, data visualization, predictive analytics, and more. The course includes practical hands-on exercises, real-world examples, and interactive Q&A sessions to ensure a thorough understanding and practical knowledge of smart agents.

Duration: 1 Day

Prerequisites:

- Basic understanding of data analytics and data engineering concepts
- Familiarity with Microsoft Fabric
- Basic programming knowledge (optional but recommended)

Course Contents:

Module 1: Introduction and Overview

- **Introduction to Microsoft Fabric**
 - Overview of Microsoft Fabric
 - Key Components and Features
- **Introduction to Microsoft Fabric Smart Agents**
 - Overview of Smart Agents
 - Benefits and Applications in Data Analytics and Engineering
- **Understanding Copilot**
 - What is Copilot?
 - Key Features and Capabilities
- **Understanding AI Skill**
 - Introduction to AI Skill
 - Key Features and Capabilities

- **Setting Up and Getting Started**
 - Requirements and Prerequisites
 - Setup and Configuration

Module 2: Practical Applications

- **Using Copilot in Data Engineering**
 - Data Cleaning and Transformation
 - Automating ETL Processes
- **Utilizing Copilot in Data Visualization**
 - Creating Interactive Dashboards
 - Generating Insights from Data Visuals
- **Using AI Skill in MS Fabric**
 - Understanding the Training Process
 - Instruction based configurations
 - Example based training
- **Next Steps**
 - Recap of Key Takeaways
 - Resources for Further Learning
 - Future Trends and Developments