



# Copilot Foundations

## Course AI-3018: 1 day; Beginner; Instructor-Led

### Introduction

Copilots are quickly becoming a popular way to use with AI models, automate tasks, and improve productivity. In this learning path, you'll explore options for adopting, using, and creating copilots.

### Prerequisites

- Familiarity with Azure and the Azure portal.

### Course Outline

#### Module 1: Fundamentals of Generative AI

In this module, you explore the way in which language models enable AI applications and services to generate original content based on natural language input. You also learn how generative AI enables the creation of copilots that can assist humans in creative tasks.

By the end of this module, you are able to:

- Understand generative AI's place in the development of artificial intelligence.
- Understand language models and their role in intelligent applications.
- Describe examples of copilots and good prompts.

### Prerequisites

- Familiarity with Azure and the Azure portal.

### Lessons

- What is generative AI?
- What are language models?
- Using language models
- What are copilots?
- Microsoft Copilot
- Considerations for Copilot prompts
- Extending and developing copilots
- Exercise - Explore Microsoft Copilot

#### Module 2: Get started with Microsoft Copilot Studio

Microsoft Copilot Studio allows organizations to quickly create copilots based on business scenarios their customers and employees can easily interact with as needed. In this module, you're introduced to key concepts for copilots.

This module explains how to:

- Create copilots.
- Test copilots.
- Analyze performance.

### Prerequisites

- None

### Lessons

- Get started working with environments
- Create copilots and work with the Microsoft Copilot Studio interface
- Enhancing productivity with Generative AI
- Create topics
- Test bots

- Publish bots and analyze performance
- Exercise - Microsoft Copilot Studio
- Check your knowledge

### Module 3: Introduction to Azure AI Studio

Microsoft Azure offers multiple services that enable developers to build amazing AI-powered solutions. Azure AI Studio brings these services together in a single unified experience for AI development on the Azure cloud platform.

By the end of this module, you'll be able to:

- Describe core features and capabilities of Azure AI Studio
- Use Azure AI Studio to provision and manage an Azure AI resource
- Use Azure AI Studio to create and manage an AI project
- Understand when to use Azure AI Studio

#### Prerequisites

- Before starting this module, you should be familiar with fundamental AI concepts and services in Azure.

#### Lessons

- What is Azure AI Studio?
- How does Azure AI Studio work
- When to use Azure AI Studio
- Exercise - Explore Azure AI Studio

### Module 4: Build a RAG-based copilot solution with your own data using Azure AI Studio

Copilots can work alongside you to provide suggestions, generate content, or help you make decisions. Copilots use language models as a form of generative artificial intelligence (AI) and will answer your questions using the data they were trained on. To ensure a copilot retrieves information from a specific source, you can add your own data when building a copilot with the Azure AI Studio.

By the end of this module, you'll be able to:

- Identify the need to ground your language model with Retrieval Augmented Generation (RAG)
- Index your data with Azure AI Search to make it searchable for language models
- Build a copilot using RAG on your own data in the Azure AI Studio

#### Prerequisites

- Before starting this module, you should be familiar with fundamental AI concepts and services in Azure.

#### Lessons

- Understand how to ground your language model
- Make your data searchable
- Build a copilot with prompt flow
- Exercise - Create a custom copilot that uses your own data