AI-3018: Copilot Foundations

Course Code: AI-3018
Duration: 1 day
Instructor-led Training (ILT) | Virtual Instructor-led Training (VILT)

OVERVIEW

Copilot Foundations

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.

SKILLS COVERED

- Fundamentals of Generative AI
- Get started with Microsoft Copilot Studio
- Introduction to Azure AI Studio
- Build a RAG-based copilot solution with your own data using Azure AI Studio

WHO SHOULD ATTEND?

- Data Scientist
- AI Engineer

PREREQUISITES

- Familiarity with Azure and the Azure portal.

MODULES

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.

Learning objectives

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.

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.

Learning objectives

This module explains how to:

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

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.

Learning objectives

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. Consider completing the Get started with artificial intelligence learning path first.

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.

Learning objectives

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. Consider completing the Get started with artificial intelligence learning path first.

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