QUICKSTART
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Learning Style: Virtual Classroom

Technology:

Difficulty: Beginner

Course Duration: 1 Day

Copilot Foundations (AI-3018)

About This Course:

Copilot Foundations course introduces participants to the fundamentals of generative AI and the development of intelligent AI copilots. This intermediate-level course covers key concepts such as language models and effective prompting techniques, offering hands-on labs using Microsoft Copilot and Azure AI Studio.

Learners will gain practical experience in creating, testing, and managing AI copilots, and will delve into AI project management within Azure AI Studio. A significant focus is placed on developing RAG-based copilot solutions, enabling participants to index their own data with Azure AI Search and build custom copilots

Course Objectives:

- 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.

- Create copilots.

- Test copilots.

- Analyze performance

- 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

- 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 Stud

Audience:

- Data Scientists, AI Engineers and Azure Engineers interested in adopting, using and creating copilots.

Prerequisites:

- Familiarity with Azure and the Azure portal.

Course Outline:

- Module 1: Fundamentals of Generative AI
- Module 2: Get started with Microsoft Copilot Studio
- Module 3: Introduction to Azure AI Studio
- Module 4: Build a RAG-based copilot solution with your own data using Azure AI Studio