

Copilot Foundations (AI-3018)

COURSE OVERVIEW

Copilot Foundations introduces participants to the basics of generative AI and language models, focusing on creating, testing, and managing intelligent AI copilots. Through hands-on labs using Microsoft Copilot and Azure AI Studio, learners will explore effective prompting techniques, develop custom copilot solutions using Retrieval Augmented Generation (RAG) with their own data, and gain practical experience in managing AI projects and resources.

WHO WILL BENEFIT FROM THIS COURSE?

- Data Scientist
- AI Engineer

PREREQUISITES

Familiarity with Azure and the Azure portal.

COURSE OBJECTIVES

- 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

COURSE OUTLINE

Fundamentals of Generative AI

- 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
- Lab: Explore Microsoft Copilot

Get started with Microsoft Copilot Studio

- Create copilots
- Test copilots
- Analyze performance
- Lab: Microsoft Copilot Studio

Introduction to Azure AI Studio

- 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
- Lab: Explore Azure AI Studio



Build a RAG-based copilot solution with your own data using 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 Studio
- Lab: Create a custom copilot that uses your own data

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What sets SLI apart is not only our immense selection of trainings options, but our convenient and consistent delivery system. No matter how complex your environment is or where you are located, SLI is sure to have a training solution that you can count on!

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- All SLI instructors have a four-year technical degree, instructor level certifications and field consulting work experience
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Enhanced Learning Experience

- The goal of our instructors during class is ensure students understand the material, guide them through our labs and encourage questions and interactive discussions.

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- An enthusiastic student services team is available to answer any questions and ensure a quality training experience

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