

# **AI - 103 : Develop Generative AI Solutions with Azure Open AI Service**

## **Course Outline**

### **Module 1: Introduction to Azure OpenAI Service**

- Describe Azure OpenAI workloads and access the Azure OpenAI Service
- Understand generative AI models
- Understand Azure OpenAI's language, code, and image capabilities
- Understand Azure OpenAI's responsible AI practices and limited access policies

### **Module 2: Get Started with Azure OpenAI Service**

- Create an Azure OpenAI Service resource and understand types of Azure OpenAI base models
- Use the Azure OpenAI Studio, console, or REST API to deploy a base model and test it in the Studio's playgrounds
- Generate completions to prompts and begin to manage model parameters

### **Module 3: Build Natural Language Solutions with Azure OpenAI Service**

- Integrate Azure OpenAI into your application
- Differentiate between different endpoints available to your application
- Generate completions to prompts using the REST API and language-specific SDKs

### **Module 4: Apply Prompt Engineering with Azure OpenAI Service**

- Understand the concept of prompt engineering and its role in optimizing Azure OpenAI models' performance
- Know how to design and optimize prompts to better utilize AI models
- Include clear instructions, request output composition, and use contextual content to improve the quality of the model's responses