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Generative AI and Prompt Engineering using Azure

Course Overview

This course equips you to develop innovative conversational AI applications using Azure OpenAI GPT Services. Learn to integrate the service, leverage prompt engineering, generate code & images, and use custom data. Ethical considerations and best practices are emphasized for responsible AI use. This hands-on course empowers you to create user-centric conversational experiences using generative AI.

Key Features

- In-depth coverage of Generative AI and Prompt Engineering.
- Hands-on labs for practical application and skill development.
- Introduction to Azure OpenAI GPT and DALL-E capabilities.
- Learn to ethically use and address biases in Generative AI.
- Integrate AI-powered features into your applications.
- Taught by industry experts with real-world experience.

Who Should Attend this Generative AI and Prompt Engineering be using Azure Certification Training?

- Developers
- Data Scientists
- Machine Learning Engineers
- Conversational AI Enthusiasts

Prerequisites

- Basic understanding of programming concepts.
- Familiarity with Cloud Computing fundamentals is preferred.
- Azure Account (Free Trial Available)

Course Modules

Module 1 Introduction to Generative AI

- Explores NLP, conversational AI, Transformers, and GPT applications.

Module 2 Introduction to Azure OpenAI

- Introduces conversational AI landscape, Azure OpenAI Service, and ChatGPT.

Module 3 Getting Started with Azure OpenAI

- Covers setting up Azure account, accessing service, generating API keys, and using resources.

Module 4 Integrating Azure OpenAI ChatGPT into Your App

- Explains APIs, SDKs, setting up API endpoints, and integrating chat features.

Module 5 Utilizing Prompt Engineering for ChatGPT

- Introduces prompt engineering, designing prompts, refining prompts, and ethical considerations.

Module 6 Generating and Improving Code

- Explores using ChatGPT for code generation, improving code quality, and integrating it into workflows.

Module 7 Generating Images with a DALL-E Model

- Introduces DALL-E, preparing data, using the API for image generation, and creative applications.

Module 8 Using Your Own Data with Azure OpenAI ChatGPT

- Covers fine-tuning models with data, creating personalized conversational experiences.

Module 9 Other Platforms for Generative AI

- Briefly explores Bard, AlphaCode, GitHub Copilot, Cohere Generate, and StyleGAN.

Module 10 Ethical Considerations and Best Practices

- Discusses identifying biases, responsible AI use, and safeguarding user privacy and data security.

About CloudThat

CloudThat is the first company in India to offer Cloud Training & Consulting services for mid-market & enterprise clients from across the globe. Since our inception in 2012, we have trained over 500K IT professionals from fortune 500 companies on technologies such as Microsoft Azure, Amazon Web Services, VMware, Artificial Intelligence, Machine Learning, Google Cloud, IoT, OpenStack, OpenShift, DevOps, Big Data, Kubernetes, and more.

With an expertise in major Cloud platforms, CloudThat is a proud Microsoft Gold Partner, AWS Authorized Training Partner, VMware Authorized Training Reseller, and Google Cloud Platform Partner. Till date we have conducted successful corporate training for some of the fortune 500 companies which includes Accenture, Deloitte, Infosys, Fidelity, HCL, Intuit, GE, TCS, HP, SAP, Oracle, Western Union, Philips, Flipkart, L&T and Samsung, just to name a few. We have presence in Bengaluru, Mumbai, USA & UK, offering on-site and pre-scheduled public batches in different IT centric cities of India and Overseas. Overseas.

To know more about our cloud certification training, email at **sales@cloudthat.com** or call us at **+918880002200.**