Multi-Platform Prompt Engineering

Duration: 1 Day

Course Description:

Elevate your tech and AI career with our cutting-edge Multi-platform Prompt Engineering program. Discover the limitless potential of prompt engineering and redefine your expertise in working with large language models.

Target Audience:

Looking to take your career in AI and technology to new heights? Our Multi-platform Prompt Engineering program is designed to empower professionals of all backgrounds, whether you're a seasoned AI researcher, software engineer, data scientist, or tech professional involved in natural language processing projects. With our program's comprehensive curriculum, you'll master the art of prompt design and optimization, build critical skills, and gain a competitive edge in the industry. By enrolling in our program, you'll open doors to limitless opportunities in the dynamic world of AI and technology. Get ready to become a trailblazer in prompt engineering with the skills and knowledge you'll gain through our program.

Course Objectives:

Our program equips you with the skills to generate precise and contextually relevant responses using OpenAI's ChatGPT, Google's Bard, and Microsoft Bing. Dive into real-world case studies that showcase the profound impact of prompt engineering, empowering you with practical knowledge to tackle any scenario. Embark on a journey that will skyrocket your proficiency and open doors to new opportunities in the tech and AI fields

Course Outlines:

1. Introduction to AI

- What is Artificial Intelligence
- Building blocks of AI
- Type of AI
- Machine Learning
- Deep Learning
- AI Ladder
- Conversational AI
- Responsible AI
- AI Ethics

2. Introduction to Gen AI

- Introduction to Generative AI
- Understanding Generative Models
- The Concept of Transformers in AI
- Deep Dive into Generative Adversarial Networks (GANs)
- Exploring Variational Autoencoders (VAEs)
- Case Studies and Real-World Examples

3. Introduction to Prompt Engineering

What is prompt Engineering?

- Prompt Design Principles
- Few-Shot and Zero-Shot Learning
- Chain-of-thought approach.
- Tree-of-thought approach.
- Self-consistency Prompting.
- Prompt Engineering for Health care.
- Prompt Engineering for Finance Domain.
- Prompt Engineering for Legal Domain.

Lab: Prompt Engineering Types

4. Overview of ChatGPT

- Overview of ChatGPT
- Historical Development of ChatGPT
- ChatGPT versus Search
- How ChatGPT Works
- ChatGPT Use cases
- ChatGPT Capabilities
- Integration with Other Technologies
- ChatGPT Best Practices
- Limitations and Challenge

Lab: Prompting in ChatGPT

5. Overview of Google Bard

- Introduction to Google Bard
- What is Google Bard?
- How does Google Bard Work?
- What are the capabilities of Google Bard?

II. Google Bard Use Cases

- Generate creative text formats.
- Writing different contents
- Generate Codes.
- Translate code from one to another.
- Debugging a code.

III. Prompt Generator
IV. BARD Ai on Google Search
V. BARD Gemini
VI. Gemini AI Models
Lab: Prompting in Google Bard

6. Overview of Bing Chat AI

- What is Bing AI Chat
- Bing AI Chat Language Model
- Bing AI Chat Modes• How to Use Bing AI Chat
- Example Use Cases
- Privacy and Security of Bing AI chat
- Accessing Bing AI Chat

Lab: Prompting in Bing Chat AI