

Prompt Engineering

Duration: 1 Day

Description

Generative Artificial Intelligence stands out as an Artificial Intelligence Technology that allows you to create content (text, images, etc.) design quickly, easily and efficiently. At the end of the training, participants will learn about prompt engineering, which involves creating inputs, instructions and commands that best elicit the desired answers and behaviors from AI models, and will gain practice in this field. In addition to gaining awareness about the tips that should be taken into consideration when creating effective prompts, they will gain experience in applying prompt examples on topics such as text summarization, translation, image production, code generation, reasoning, and data analysis. Additionally, ChatGPT et al. in the Google Colab environment. They will gain knowledge on integration into AI models with API.

Note: More efficiency can be achieved if you have a ChatGPT plus membership.

Audience

People who are interested in artificial intelligence technologies (marketing, content producers, creative sector employees)

Outline

Generative AI

- What is Generative AI?
- What are the Differences Between Generative AI and Traditional AI?
- Overview of Generative AI Technology
- Fundamentals of Generative AI
- Types of Generative AI Models
- Optimizing Model Parameters (ChatGPT playground)

Prompt Engineering

- What is Prompt Engineering? Why Has it Become Popular?
- Basics of Prompt Engineering
- Differences between English and Turkish prompts
- What are the components of a prompt?
- Iterative improvement and scenario creation

- Key considerations for creating effective prompts
- Prompt guidance
- Prompt Patterns

- RGC pattern
- Roles and hypothetical scenarios
- Audience selection/modification
- Instruction patterns
- Other patterns
- Advanced role-playing

- Examples and Applications of Prompts for Popular Tasks

- Text summarization and classification
- Question answering
- Image generation
- Translation
- Code generation
- Data analysis

- Recommendations for Defending Against Risks and Misuse

Tools and Applications in Prompt Engineering

OpenAI API Integration and Fine-Tuning