

AI PE Questions Types

True or False:

- 1- "Generative AI is a broader umbrella term that can create new content, such as text, images, music, or code, while LLMs are a specific type of generative AI that is focused on text."
- 2- Generative AI does encompass a wide range of content creation, including text, images, music, and code. Large Language Models (LLMs) like GPT-3 are specialized in generating and processing text.

Fill in the Blank:

- 1- "LLMs are typically built using a type of neural network called a _____."
- 2- LLMs, such as GPT-3, are built using a type of neural network architecture known as a _____, which is highly effective in handling sequential data like language.

Multiple Choice:

- 1- "LLMs work by using a technique called deep learning. Deep learning is a type of machine learning that uses artificial neural networks to learn from _____."

Options: a. Human b. Data c. Codes

- 2- Choose the correct option for "DALL-E2 is an AI application that allows you to use natural language prompts to generate _____."
a) Code b) Text c) Audio d) Image

Descriptive:

What is the type of the following prompt:

Write a poem about a robot from the perspective of the robot.

Definition: Define 'Prompt Engineering' and 'Deep Learning'.

Short Answer: List three tips for writing effective prompts.

Comparative Analysis: What is the difference between LLM and Generative AI?

Application:

- Write about two main cases or usages of prompt engineering for code generation.
- Create your own example for a given scenario on Prompt Chaining with the suggested 3 to 5 prompts.
- "As an IT student, when should you use or apply code generation? Provide one example."