

N-Shot Prompting Pattern

Instructor

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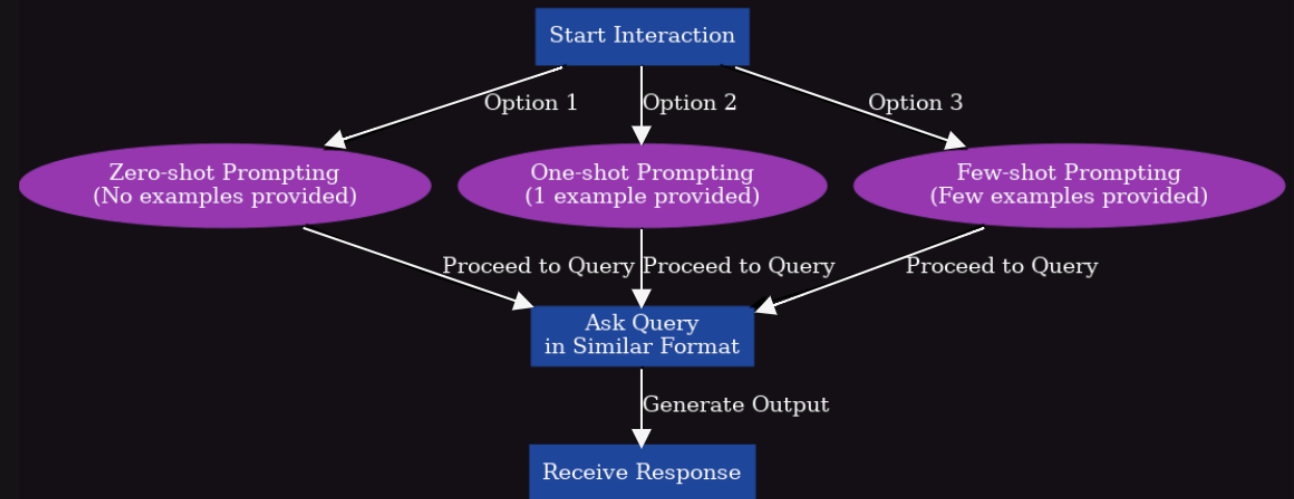
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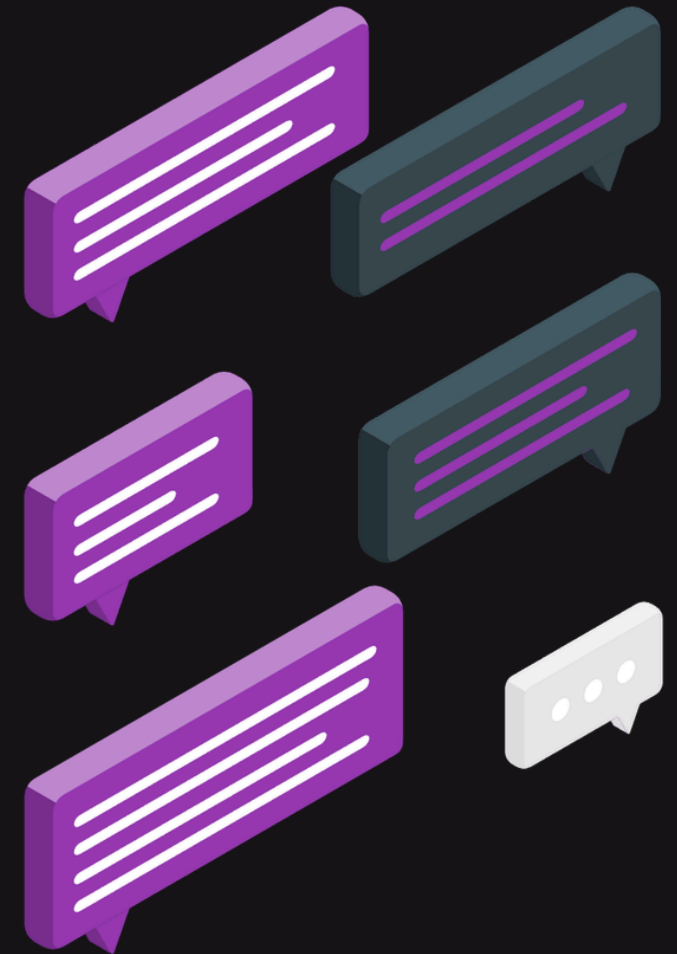
N-Shot Prompting Pattern

- In the N-shot prompting pattern, the LLM effectively responds by utilizing 'N' examples of inputs and outputs when answering questions. This approach ensures consistency in responses similar to the provided examples.
- Zero-shot prompting - no examples are provided
- One-shot prompting - only one example is provided
- Few-shot prompting - few examples are provided



N-Shot Prompting Pattern: Goal

The goal is to use example input prompt-output response samples to guide the model into understanding how input instructions will be sent and how output responses should look, besides other aspects too like the domain, context etc.



N-Shot Prompting Pattern

Example

- **Zero-shot:**

- User:

- Q: What is the capital of France?

- A:

- ChatGPT:

- The capital of France is Paris.

- **One-shot:**

- User:

- Q: What is the capital of France?

- A: The capital of France is Paris.

- Q: What is the capital of Switzerland?

- ChatGPT:

- The capital of Switzerland is Bern.

N-shot Prompting Pattern - Examples

Zero-Shot Prompting



Q: What is the capital of France?

A:



The capital of France is Paris.



News Categories : sports, business, entertainment, technology

Article: Olympics postponed due to unforeseen circumstances, world athletes in shock

Category:



Category: Sports

N-shot Prompting Pattern - Examples

One-Shot Prompting



Q: What is the capital of France?

A: The capital of France is Paris.

Q: What is the capital of Switzerland?



The capital of Switzerland is Bern.



Article: Olympics postponed due to unforeseen circumstances, world athletes in shock

Category: Sports

Article: Tech giant NeoTech announces its latest smartphone, the NeoTech Ultra

Category:



Category: Technology



Article: Commodities market shaken as precious metal prices fluctuate unexpectedly



Category: Business

N-shot Prompting Pattern - Examples

Few-Shot Prompting

INPUT: Kicking things off with the Galaxy Tab S9 FE Plus. It's going to be powered by the Exynos 1380 with 8GB of RAM, and pack a 12.4-inch display. The slate will measure 285.4 × 185.4 × 6.54 mm and feature dual speakers, a slide-mounted fingerprint sensor. It will come in Grey, Light Green, Light Pink, and Silver color options.

OUTPUT: Technology

INPUT: The share of the cigarette business to ITC's business in revenue terms has dropped from 47 per cent in FY13 to 37 per cent in FY23 on a larger revenue base. According to the company's most recent annual report, the leadership position has been sustained "through its unwavering focus on nurturing a future-ready portfolio of world-class products anchored on its integrated seed to smoke value chain, superior consumer insights, robust innovation pipeline and world-class product development capabilities."

OUTPUT: Business

INPUT: Twitter's cash flow remains negative because of a nearly 50% drop in advertising revenue and a heavy debt load, Elon Musk said on Saturday, falling short of his expectation in March that Twitter could reach cash flow positive by June.

OUTPUT: BUSINESS

INPUT: Arsenal finally completed the signing of Rice as they announced the player's arrival on Saturday. Right after completing his move, Rice revealed that he is a great admirer of Arteta and that the Spaniard's presence in the Arsenal dressing room is one of the main reasons why he decided to join the North London club.

OUTPUT:



Sports

Thank You
