

Prompt Engineering

Instructor

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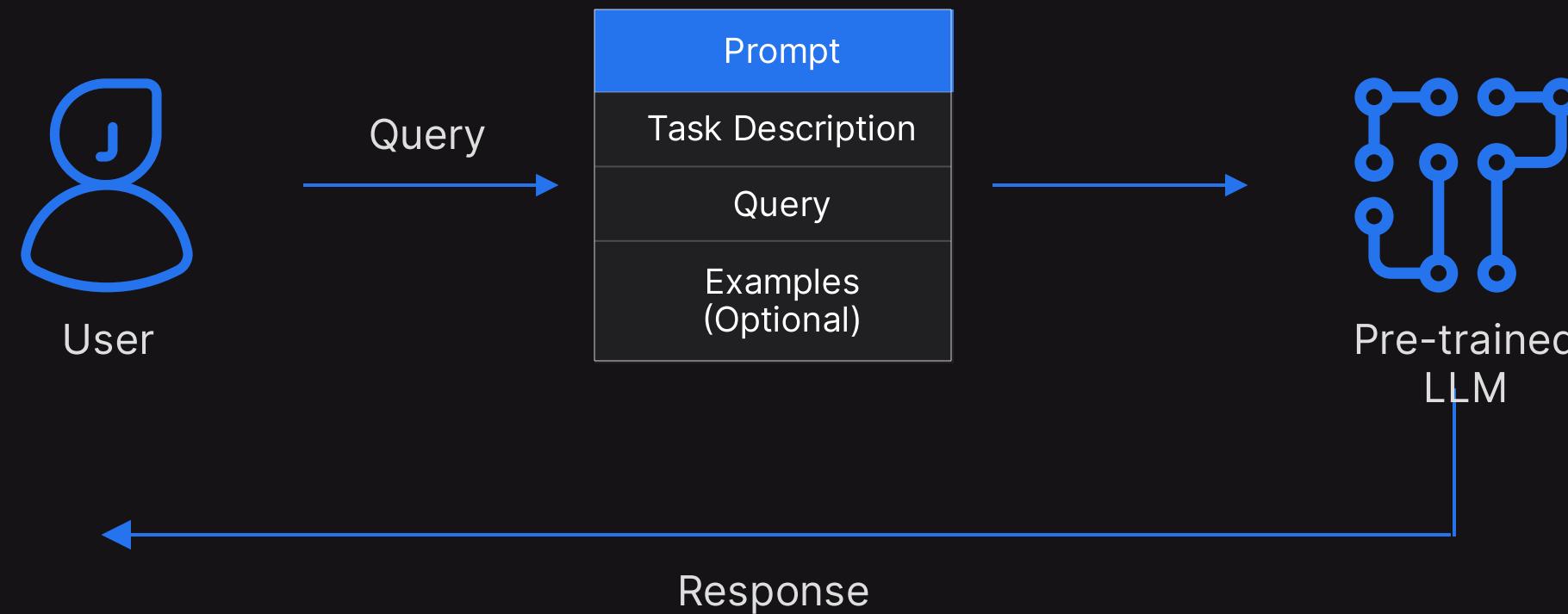
What is a "prompt"?



LLMs gain knowledge
through the training
data

What is Prompt?

Prompt is the text you give to the LLM to get the answer you want.



ChatGPT Demo with Basic Prompts

Why Prompt Engineering?

- ✖ Sometimes, LLMs can make mistakes and can go wrong
- ✖ They fail to provide correct output to certain prompts

ChatGPT Demo

ChatGPT Demo

Why Prompt Engineering?

- ✓ Helps in improving performance
- ✓ Helps in achieving the desired output

What is Prompt Engineering?

- It's the process of refining our prompts to get the optimal results.

What is Prompt Engineering?

It's about considering how to rewrite a prompt to get better results.



You

Plan a trip



ChatGPT

Certainly! Planning a trip involves several key steps to ensure a smooth and enjoyable experience. Here's a general outline to help you plan a trip:

1. Determine Your Destination:

- Decide where you want to go. It could be a specific city, country, or region.

2. Set a Budget:

- Determine how much you're willing to spend on your trip, including transportation, accommodation, food, activities, and souvenirs.

3. Choose Travel Dates:

- Decide on the dates for your trip. Consider factors like weather, peak tourist seasons, and personal preferences.

4. Research Your Destination:

- Gather information about your destination, including attractions, cultural norms, visa requirements, and safety tips. Online travel guides, blogs, and forums can be helpful.

5. Create an Itinerary:

- Plan your daily activities and prioritize the places you want to visit. Be realistic about how much you can do in a day to avoid overbooking.



You

Plan a trip to Goa



ChatGPT

Sure, planning a trip to Goa, India can be an exciting adventure. Goa is known for its beautiful beaches, vibrant nightlife, rich cultural heritage, and lush landscapes. Here's a step-by-step guide to help you plan your trip to Goa:

1. Choose Your Travel Dates:

- Decide when you want to visit Goa. The best time to go is typically from November to February when the weather is pleasant and dry. However, if you prefer a quieter experience, consider the shoulder seasons.

2. Set a Budget:

- Determine how much you're willing to spend on your trip, including flights, accommodation, food, activities, and shopping.

3. Book Flights:

- Search for flights to Goa's Dabolim Airport (GOI) from your location. Consider booking in advance to secure the best deals.

4. Select Accommodation:

- Goa offers a wide range of accommodation options, from budget hostels to luxury resorts. Popular areas to stay in Goa include North Goa (known for nightlife) and South Goa (quieter and more relaxed). Choose a place that suits your preferences and budget.

How to Build LLM Applications using Prompt Engineering?

Building LLM Applications using Prompt Engineering

- Pretrained LLMs
- Right prompts with required information/context

Pros

- ✓ No Technical knowledge
- ✓ No Model Training
- ✓ No Training Data
- ✓ No Compute Resources
- ✓ Very minimal cost

Cons

- ✖ Inconsistent
- ✖ Hallucination
- ✖ Very less information fits in
- ✖ Not upto date

Thank You
