

Prompt Engineering

Understanding Advanced Prompting with LLMs

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Agenda

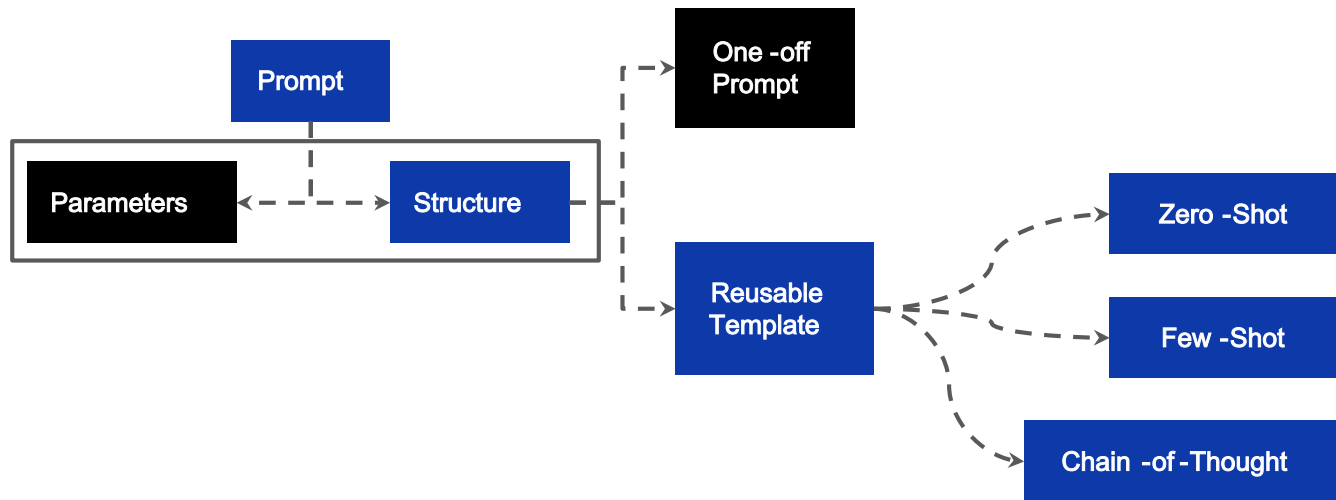
In this session, we'll discuss:

- Prompt Engineering Overview
- Reusable Prompt Templates
- What are APIs?

Prompt Engineering Overview

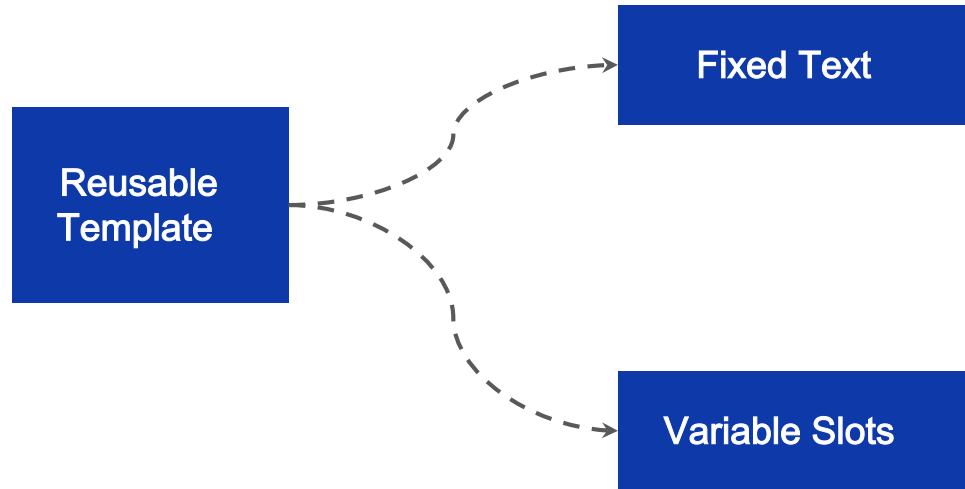
Prompt = Specific set of instructions sent to a LLM to accomplish a task.

Engineering = Iteratively deriving a specific prompt for the task.



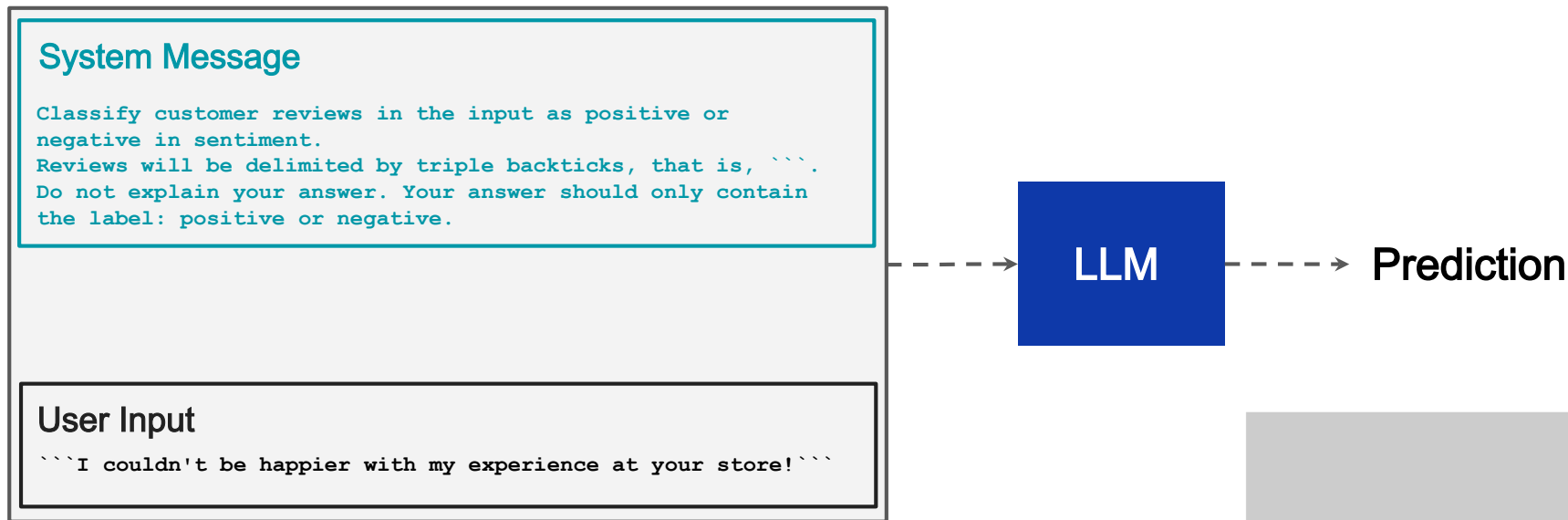
Reusable Prompt Templates

Components of a Prompt Template



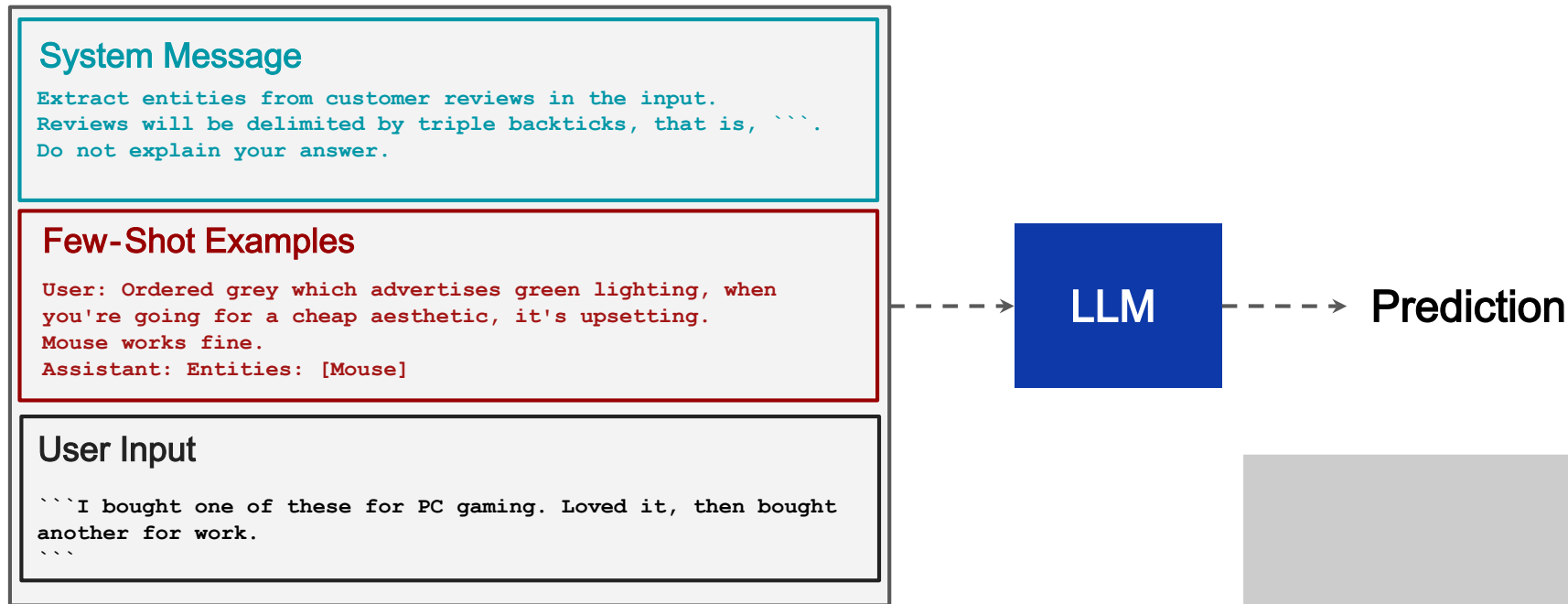
Reusable Prompt Templates

Example of Zero -Shot Prompt Template – Sentiment Analysis



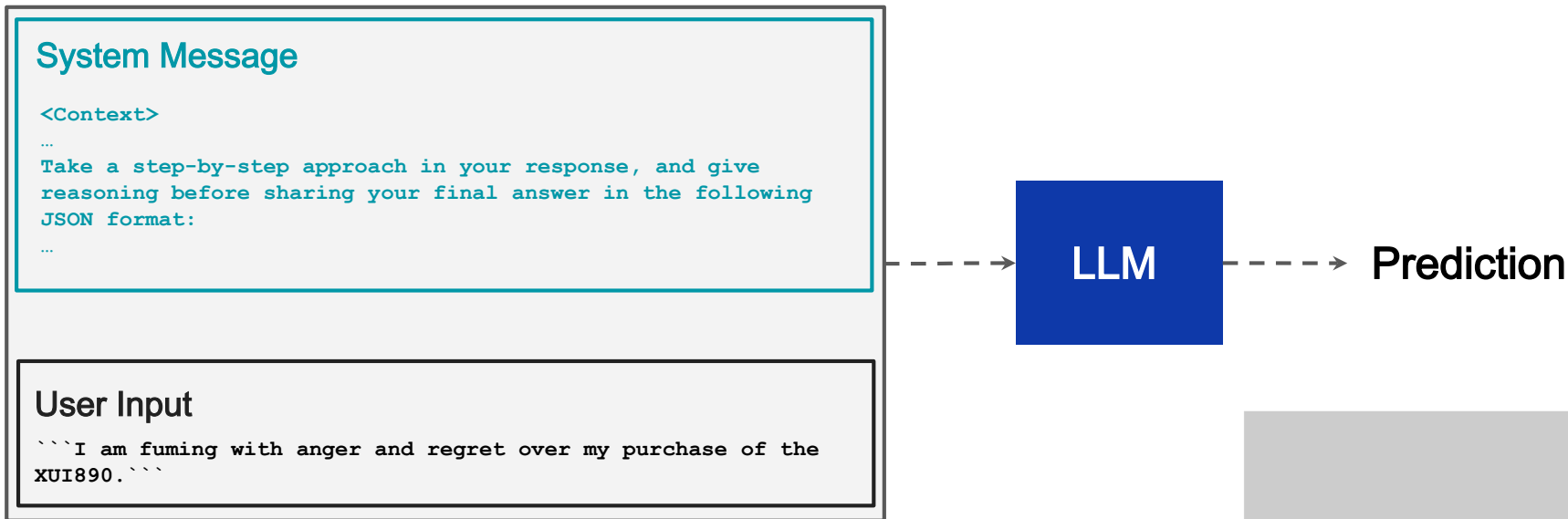
Reusable Prompt Templates

Example of Few -Shot Prompt Template – Entity Extraction



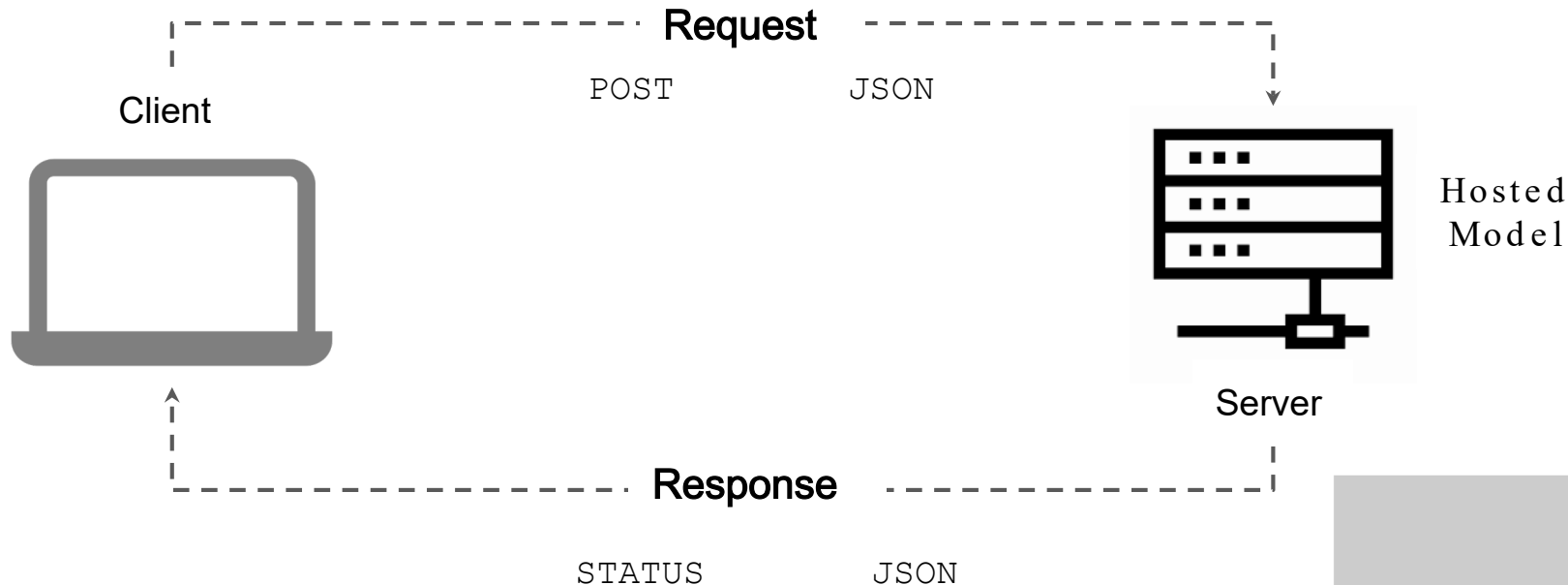
Reusable Prompt Templates

Example of Chain -of-Thought Prompt Template



What are APIs?

Application Programming Interfaces (APIs) specify rules of exchange over a network.



Summary

Here's a brief recap:

- The overview of prompt engineering with an emphasis on the advanced prompting techniques utilizing reusable prompt templates and comprehending their components.
- The types of reusable templates with a focus on Zero-Shot, Few-Shot, and Chain of-Thought prompting and highlighting the key structural differences between each.
- Insight into how curated prompts are employed as input to LLM via the API, elucidating the workflow of the API in delivering predictions.