LLM Apps

OpenAI Functions with LangChain vs. with OpenAI API
Advanced App: ChineseFoodChat

Problem

- We want to design an LLM Application capable of receiving and managing Chinese food orders.

Solution

- We will use the chatGPT capability to work with functions (OpenAI Functions).

- First, we will design a solution with LangChain and study a use case where this solution may fail.

- Then we will design a solution using the OpenAI API that solves the previous problem.

Process

- We describe the functions.
- We design the solution with LangChain.
- We see that the LangChain solution breaks if the user asks a question not strictly related to the menu.
- We design an alternative solution with the OpenAI API.
- We create a fake database with a dictionary.
- We define the functions.
- We test the application.
- We improve the application by increasing the conversational capacity of the chat.
- We test the application and see that it does not break.