

Projects

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Project List:

1. Medixtract App - (built for Bajaj Hackrx Hackathon):

This medical app helps extract the data from printed bills and save them as a CSV file. I built the server for this app, which uses Google Lens to scan the bill and regex to categorise the data in JSON format. Next, it uses the OpenAI API service to cleanse the data according to the particulars mentioned in the bill and save them in a CSV file, which attained an accuracy of 90%.

2. Caterpillar Predictive Failure Dashboard - (built for Caterpillar Hackathon)

This dashboard is built to predict failures in Caterpillar machinery and suggest steps to be taken to prevent failures. I built the dashboard where the high-alert or the failures are indicated and alerted via Telegram API and suggested the steps to be taken to reduce the failure via OpenAI API service.

3. Flipkart Sales Assistant Bot - (built for Walmart Sparkathon):

This is an exclusive chatbot that interacts with the user and suggests items necessary for the situation or event they have planned to attend. This chatbot lists the items required and provides an interface where it redirects to the Flipkart Webpage for the items the user asked for. This chatbot also provides the user with various models available for the item asked for along with reviews from Flipkart Website, using the OpenAI API service.

4. Flight Booking System:

This is a chatbot built for the understanding of a multistep interface, where the user can experience a real-time flight booking system, which involves getting to know different flights available for the user with the help of Amadeus API, along with booking seats for single and multiple users.

5. LLM Scraper - Intern Project:

Built an LLM-based scraper using AISDK for LinkedIn profiles from an existing simple web scraper, using OpenAI service and AISDK libraries.

6. Langchain Extractor - Intern Project:

Developed endpoints for extracting content based on the URL provided and based on the user schema provided for given text or pdf uploaded in the already existing extractor, with the help of FastAPI, Langchain, and backend as PostgreSQL.