




ANSHUL RAJ VERMA

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RELEVANT COURSEWORK

- LLM with Langchain
- Deep Learning
- Machine Learning
- Web Scrapping
- Modular Coding
- Finetune Transformers

EXPERIENCE

Data Science Intern

LeapX.ai

July 2024 - November 2024

Remote

- Build a chat-with-data Chatbot to query data generated from running campaigns on different platforms.
- Developed REST API for Ads Campaigns Dashboard using FastAPI, Meta Ads API and MongoDB.
- Finetune BERT Transformer model for Intent Classification of Search Keywords to choose better keywords for campaigns.
- Build an ETL pipeline to store Ad Campaigns data into MongoDB every hour with different breakdowns.
- Scheduled a Web Scraper using CRON Job to scrape website weekly basis and store data into database using Scrapy framework.

PROJECTS

YouTube Comment Sentiment — Machine Learning, MLOps, Docker, VueJs

 Code

- Trained a ML model to predict the sentiment of youtube comments.
- Used MLFlow, DVC with DagsHub for ML Pipeline's experiment tracking.
- Develop REST API to serve the model and fetch data related to youtube videos using FastAPI.
- Build frontend using VueJS and deployed on GitHub pages using GitHub Actions.

Canvas AI — LLM, Google Gemini, LangChain

 Code

- Evaluate Mathematics or Physics expression by drawing your problem on Canvas.
- Uses Google Gemini Flash to analyse canvas drawing and extract the expression out of it.
- It provides a comprehensive solution to the extracted expression using its multimodal capabilities.

TECHNICAL SKILLS

Frameworks: FastAPI, PyTorch, Transformers, Tensorflow, Keras

Languages: Python, JavaScript

Developer Tools: Git, GitHub, Docker, VS Code, Bash

Libraries: Polars, Pydantic, LangChain, Scikit-Learn, HuggingFace

EDUCATION

DAV Public School

2021

10th

90%