Anshul Raj Verma

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WORK EXPERIENCE

LeapX.ai   2024-07 — 2024-11

Data Science Intern

- Built 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.
- Built an ETL pipeline and scheduled with CRON job to store Ad Campaigns data into MongoDB every hour for different breakdowns.
- Scheduled a Web Scraper with CRON job to scrape website on weekly basis and store the data into DB using Scrapy framework.

PROJECTS

YouTube Comment Sentiment

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

Canvas AI

- 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 capabilites.

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
Languages: Hindi (Native Speaker), English (Professional Speaker), Magahi (Native Speaker)

EDUCATION

DAV Public School   2020 — 2021

10th | Secondary Education