Anshul Raj Verma

Jehanabad, Bihar, India
+91 9473282923
arv.anshul.1864@gmail.com

Data Science • Machine Learning • NLP • FastAPI • Streamlit • Web Scraping

PROJECTS

YouTube Watch History Analyser • 🔗 📄

Project analyzes User's Youtube Watch History data and provides insights into User's watch patterns, content preferences, and overall Youtube consumption. Project implements multiple ML models **(i)** Predicts video's ContentType using video title. **(ii)** Recommends YT Channels from user's subscribed channels. Uses **Docker, MLFlow** to make this project more flexible and scalable.

Indian Real Estate Project • 🔗 🌐 📄

Scraped data (40k) from a real estate website. Train (approx. ~6) ML models for Price Prediction of properties. Used `streamlit` library to show analysis and graphs. Flexible to add any other city's data to train and show analysis upon.

E-commerce Scraper API • 🔗

Built some API endpoints using **FastAPI** to scrape data from e-commerce websites (like Flipkart). Also added **Tests** (Pytest) to validate the API. Project is flexible enough that I can add code to scrape another website's data.

Course Assignment Solution Finder • 🔗 🌐

Used **NLP & Python** concepts to parse Jupyter Notebooks and built a streamlit app on top of it to search questions from the assignments to find the required solution notebook which contains the question & answer.

Curler • 🔗 🌐

Curler is a Python package, which lets you parse curl commands into python with ease. Also, you can use that parsed object with `requests` and `httpx` library to make requests with `curl` commands. I have published this on Pypi.

SKILLS

Python • Linux

FastAPI • Streamlit

MongoDB • MySQL • SQLite

MLOps • Docker • MLFlow

Pytest • Git • GitHub

LANGUAGES

English • Hindi • Magahi