Ankit Kumar

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Summary

A data scientist experienced in building and deploying data-intensive applications. Proficient in working with machine learning, deep learning algorithms and LLMs across diverse problems.

Skills

Python · R · SQL · Tableau · MS Excel · Power BI · Data Visualization · Machine Learning · Deep Learning · Natural Language Processing/ NLP · Feature Engineering · Web Scrapping · Statistics · Econometrics · Git · Matplotlib · Scikit-learn · PyTorch · Hugging Face · NLTK · Computer Vision · CNN · LLMs · Flask · AWS · Streamlit

Experience

Thomson Reuters
Bengaluru
Correspondent: North America Resources
07/2022 - 07/2023

- Monitored North American resources (oil, gold, other metals) stocks.
- Writing sector specific news : deals, earnings, production and many more.
- Researching and writing about any news that moved sector's stocks.

J-PAL South Asia
Bengaluru
Data Analyst (Intern)
06/2022 - 07/2022

- Cleaned, transformed and analyzed raw primary survey data for a research on behavioural nudges.
- Led and mentored a team of college juniors; created analysis road-map.
- Constructed sub-group wise Nutritional Deficiency Index from the data.

Sri Satya Sai Annapoorna Trust
Bengaluru
Application Developer (Intern)
05/2021 - 06/2021

- Created applications on Zoho Creator.
- Developed the premature version of Employee Attendance application.
- I proposed and embedded a Leave Tracker application within the Employee Attendance application.

Projects

1. Customer Churn Prediction.

A python **web application** to predicts whether a company's customer will churn or not.

- Used the IBM Telco Churn dataset.
- Compares several classification models; optimized the selcted model by hyper-parameters tuning.
- The model achieved an accuracy score and recall score of 95% and 98% respectively.
- Created a flask application.
- Hosted the **web application** on AWS Elastic Beanstalk.

2. Text Solution

A **streamlit application** built in Python to summarize, analyze sentiment and compare the semantic similarity of texts.

- The application has three features: summarizes texts, analyzes text sentiment and compares text similarity.
- Built the entire back-end and front-end.
- All three features use the pretrained Hugging Face transformers' NLP models via API.

3. SQL: Danny's Diner Solved Use-Case

Solved the famous Danny's Diner case study using **PostgreSQL.**

- Demonstrates SQL skills via implementation of basic SELECT, GROUP BY, and aggregations functions to advance JOINs, CTE, CASE, DENSE_RANK and Windows function.

Education

Christ University
Bengaluru
Master of Arts in Applied Economics │ CGPA: **8.2** / 10
07/2020 - 05/2022

St. Xavier's College
Ranchi
Bachelor of Arts in Economics │ CGPA: **6.4** / 10
06/2017 - 05/2020

Achievements

Research(under review for publication)
Conducted data-intensive research to obtain insight into state-wise nutritional deficiency of India and suggested policy measures.

Guest Lecturer
Conducted a session to guide fellow researchers at Christ University on data-driven research.