Prateek Sahu

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Linkedin
Github

SKILLS SUMMARY

- **Languages -** Python, SQL, Java
- **Frameworks -** Pandas, Numpy, Matplotlib, Seaborn
- **Tools -** Excel, Powerpoint, MongoDB
- **Platforms -** IntelliJ IDEA, Pycharm, Visual Studio Code, Jupyter notebook

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EDUCATION

Galgotia College of Engineering and Technology
Bachelor of Technology, CSE (2 year)
Aadharshila
12 standard, Percentage : 86%

Greater Noida, India
September 2023 - Present
Bhatapara, India
May 2021 - April 2022

PROJECTS

March 2025 - Present

Reddit Sentiment Analysis Web Application | **Link**
Personal Project

- Developed an interactive web application using **Streamlit** to analyze sentiment in Reddit posts with **Hugging Face Transformers (RoBERTa model, PyTorch).
- Integrated **Reddit API (PRAW)** and **News API** to fetch real-time posts and related articles based on user inputs (subreddit, query, date range).
- Implemented sentiment classification, data visualizations (**Matplotlib** bar charts, pie charts, **WordCloud**), and **CSV export** functionality.
- Enhanced user experience with an in-app guide and deployed on **Streamlit Community Cloud** for cross-device access, including mobile phones.
- Analyzed sentiment of 100+ Reddit posts per query with an estimated accuracy of 65-70%.

February 2025 - March 2025

COVID-19 Data Dashboard | **Link**
Personal Project

- Developed an interactive dashboard using **Streamlit** to visualize global COVID-19 trends.
- Utilized a **Kaggle** dataset to analyze key metrics such as total cases, deaths, recoveries, and vaccination rates.
- Implemented dynamic charts and filters for country-wise and time-based analysis.
- Improved data interpretation and decision-making by presenting real-time trends in a clean, user-friendly interface.

CERTIFICATIONS

Python and SQL for Data Science | **Link**
Scaler

Commonwealth bank - Introduction to Data Science Job Simulation | **Link**
Forage

Vultr Hackathon | **Link**
GeeksforGeeks