Umang Chaudhary

+91 7623932860 | uchaudhary2022002@gmail.com | LinkedIn | GitHub

Education

Indian Institute of Technology, Madras CGPA: 7.85
B.S. in Data Science and Applications *2021 – Present*

Rashtriya Raksha University CGPA: 8.14
B.Tech in Computer Science Engineering *2020 – Present*

Technical Skills

Languages: Python, SQL, JAVA, C/C++, HTML/CSS, R, Django
Tools: Google cloud platform, Git, My SQL, Docker, Airflow, PostgreSQL, Power-BI, Ms. Excel, Linux, ChatGPT
Libraries: pandas, NumPy, Matplotlib, Scikit-learn, Sea-born, SciPy, Selenium, Beautiful-Soup, Request, Stream-lit

Work Experience

KSY Group January 2024 - Present
Data Analytics Intern *Ahmadabad, India*

- Conducted web scraping and Developed data schema for organized representation of the scraped data.
- Created Apache Airflow DAG for data engineering life cycle.
- Utilized Google Cloud Platform services such as BigQuery and Cloud Storage (buckets) for efficient data storage and management.

Projects

Taxi Fare Guru Total Amount Prediction | *Python, Machine learning*| Link

- Hosted by IIT Madras as kaggle competition for a machine learning project.
- Conducted exploratory data analysis and feature engineering to predict taxi fares, enhancing accuracy with Python
- Optimized Random Forest models via hyperparameter tuning, leading to superior prediction performance.
- Derived insights on feature correlations, improving fare estimation and operational efficiency.

Bike Showroom(Business) Analysis | *Ms. Excel, Python, Ms.Word*

- Utilized Business analytics techniques to enhance sales forecasting and optimize operational strategies for Hero Bike showroom.
- Collected data from the Hero Bike Showroom is analysed and transformed.
- Provided recommendations based on data analysis to improve Business.

IPL Win Predictor App | *Python, Streamlit, Machine Learning* | Link

- Designed and implemented an end-to-end solution for predicting IPL match outcomes using a Logistic Regression algorithm.
- Integrated the solution into a user-friendly application, providing real-time predictions for users with the use of Streamlit platform.

Dark Web Crawler | *Web Scraping, Python, Tor browser* | Link

- Developed a secure and efficient crawler to extract valuable information from the dark web for cybersecurity threat analysis.
- Collects all the onion sites via the tor browser after filtering and removing duplicate sites.

Certifications

Diploma - Data Science | Link January 2023 – December 2023
Foundation in Data Science | Link September 2021 – September 2022
Optimization for Machine Learning | Link February 2023 – April 2023
Databases and SQL for Data Science with Python | Link November 2023 – December 2023
Supervised Machine Learning: Regression and Classification | Link April 2023 – May 2023
Foundation of Cloud IoT Edge ML | Link February 2023 – April 2023

Activities

Kaggle : *umangchaudhary7198* **HackerRank** : *umang7198*