SRI HARSHITHA BATTULA

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EDUCATION

Bachelor of Technology in Computer Science Engineering-Data Science GPA: 9/10 (2021-2025)
VNR Vignana Jyothi Institute of Engineering and Technology; Hyderabad, India
Courses: Python, Java, C, C++, DSA, DBMS, SQL, Data Analysis, Machine Learning, Computer Networks, Operating Systems

SKILLS

Data Science: Machine Learning, Data Analysis, Structured Query Language (SQL), Excel, Power BI, Tableau, NLP, CV
Programming: Python, C++, C, Java
Tools: Git, GitHub
Others: Amazon Web Services (AWS)
Soft Skills: Problem solving, analytical thinking, decision-making, leadership

CERTIFICATIONS

- AWS Certified Cloud Practitioner
- Google Data Analytics Professional Certificate
- Google Advanced Data Analytics Certificate
- DeepLearning.ai- Machine Learning Specialization

PROJECTS

From Pickup to Drop off- Exploring Uber Ride Dynamics | Python (Numpy, Pandas, Matplotlib, Seaborn), Data Analysis

- This project delves into a dataset of Uber rides, examining key attributes such as start and end dates, ride categories, pickup and drop-off locations, miles traveled, and trip purposes. The analysis seeks to identify trends in rider behavior, including peak usage times and popular routes, as well as assess trip efficiency through distance and duration metrics. By employing exploratory data analysis (EDA) techniques, the project aims to provide actionable insights that can inform operational strategies, optimize service delivery, and enhance the overall customer experience in the ride-hailing industry.

Leveraging LSTM and GRU for MasterCard Stock Price Prediction | Python, Machine Learning

- This project focuses on predicting MasterCard stock prices using deep learning models, specifically LSTM and GRU. By leveraging these models' ability to process time-series data, the project aims to accurately forecast stock price movements and compare the performance of LSTM and GRU in financial forecasting.

Amazon Reviews with VADER and RoBERTa-A Deep Dive into Sentiment Analysis | Deep Learning

- This project uses VADER and RoBERTa Transformers to analyze the sentiment of Amazon reviews, comparing their accuracy and differences. By examining how each tool interprets sentiment, we highlight their unique strengths and limitations, providing valuable guidance for sentiment analysis in e-commerce.

Deep Autoencoder Networks for Credit Card Fraud Detection-A Study in Anomaly Detection | Deep Learning

- This project uses autoencoders, an unsupervised deep learning model, to detect credit card fraud. By learning to reconstruct normal transactions, the model identifies anomalies that may indicate fraudulent activity. It enhances fraud detection efficiency by leveraging anomaly detection in financial datasets.

EXTRACURRICULAR INVOLVEMENT

- Student Coordinator in Street Cause at VNR VJIET
- Student Coordinator in Student Force at VNR VJIET

ACHIEVEMENTS

- Winners of Kabaddi in the 14th Inter Engineering Sports Fest at VNRVJIET
- Certificate of participation in Flipkart Grid 6.0
- Certificate of appreciation in Capture the Flag