Suriya G
Data Analyst

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EDUCATION

Vellore Institute of Technology   Vellore, Tamil Nadu
MSc Computational Statistics and Data Analytics (Integrated)   Sept. 2020 – May 2025
Programme Representative and Merit Scholar for 3 consecutive years   CGPA 9.33/10.0

EXPERIENCE

Data Science Intern   Aug. 2023
LetsGrowMore   *(Virtual)*
- Worked on many initiatives at LetsGrowMore as an intern, learning data science and analysis. Finished many tasks at the firm and received a certificate.
- **Stock Price Prediction:** Built and forecasted LSTM-based models for accurate stock price prediction, essential for financial decision-making.   (GitHub Link)
- **EDA on Terrorism Dataset:** A thorough EDA revealed terrorist tendencies and patterns.   (GitHub Link)

Data Analyst Intern   May. 2023 – Jun. 2023
Hindustan Aeronautics Limited (HAL)   *Bangalore, Karnataka*
- Designed **"Helicopter Failure Analysis"** project, organising and cleaning data for meaningful dashboards.
- Optimally used Excel, Python, SQL, and Tableau to clean data, analyze it, and craft interactive dashboards.
- Strengthened soft skills in independent and team work, honing problem-solving and decision-making capabilities.

PROJECTS

British Airways Customer Prediction | *Python*   GitHub Link
- Demonstrated proficiency in data cleaning, Pre-processing, and machine learning model building techniques.
- Developed a robust predictive model using Random Forest, capable of forecasting passenger demand with high accuracy.
- Achieved an accuracy of 85 % using Random Forest, outperforming Decision Tree

Cycle Sales Analysis | *Tableau*   Tableau Link
- Visualized sales data across various dimensions, including brand, product category, customer , and sales region.
- Provided actionable insights into sales performance, customer preferences, and product positioning.

Analysis of vehicle Accidents | *MySQL*   GitHub Link
- Fabricated a thorough analysis accidents, uncovering hidden patterns and extracting meaningful insights.
- Demonstrated intermediate SQL proficiency by using JOIN, DECLARE, SET, WITH functions.

HR Employee Distribution Report | *MySQL, Tableau*   GitHub Link
- Excelled at cleaning data using SQL, sub queries, date conversion, and complex filtering.
- Effectively visualized employee distribution patterns using Tableau, enabling data-driven decision-making.

Customer Lifetime Value Prediction | *MySQL, Python*   GitHub Link
- Employed Python for data cleaning and customer segmentation based on RFM Scores.
- Leveraged SQL to pinpoint high-performing customers, optimizing marketing and retention efforts.
- Utilized ML models for predictive analysis, forecasting new customer behaviors based on purchase patterns.

TECHNICAL SKILLS

Softwares: Python, SQL, Tableau, R, Excel
Analytical Tools: Data Visualisation, Machine Learning, Deep Learning, Data Structures and Algorithm, Big Data Management
SoftSkills: Story Telling, Highly Adaptable and agile
Libraries: Pandas, NumPy, Matplotlib, Tensorflow, Scikit-Learn, statsmodels