SURESH KRISHNA G

DATA ANALYST

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Thrid-year Engineering student with a strong passion for data analysis and insights-driven decision making. Skilled at integrating core engineering principles with practical experience in data manipulation, statistical analysis, and visualization tools. Eager to apply my technical foundation and continuous learning mindset to uncover meaningful patterns, support data-driven strategies, and contribute to impactful outcomes in fast-paced analytical environments.

TECHNICAL SKILLS

- **Programming Languages:** Python
- **Data Visualization Tools:** Power BI, Matplotlib, Seaborn
- **Statistical & Analytical Tools:** Excel, NumPy, pandas
- **Machine Learning & AI:** Scikit-learn   •   **Database:** MySQL
- **Tools & Platforms:** Jupyter Notebook, Google Colab, GitHub

PROJECTS

Billing Software Application (Python, SQLite, Tkinter)

- Developed a desktop-based billing application using Python and SQLite to manage products, generate bills, calculate GST, and store transaction records.
- Implemented a user-friendly GUI with Tkinter to display billing details and printable receipts.
- Designed and managed database tables to ensure data integrity and smooth billing operations.
  Skills: Python, SQL, SQLite, Tkinter, database design, business logic, end-to-end application development

Traffic Data Analysis:

- Analyzed large-scale hourly traffic data to identify patterns, peak hours, and seasonal trends.
- Performed data cleaning, preprocessing, and handled missing values to ensure data quality.
- Engineered time-based features (hour, day, month, weekday/weekend) to enhance analysis and modeling.
- Conducted exploratory data analysis to study the impact of weather conditions and holidays on traffic volume.
- Generated KPIs and summary reports using SQL for traffic trends and performance metrics.
- Built an interactive Power BI dashboard to visualize insights and support data-driven decision-making.

EDUCATION

TamilNadu College of Engineering , Coimbatore	**CGPA: 7.88**
Bachelor of Technology., Artificial Intelligence & Data Science 2027	Sep 2023 – May
Model school ,karimangalam	**Percentage: 71.65**
12th (HSC), Mathematics and Computer Science 2022	Jun 2020 – Mar

Completed 5+ industry-relevant certifications on **LINKEDIN & INFOSIS**, including **Data Science**, **Machine Learning**, **Python Programming**, and **SQL,** demonstrating strong practical skills and continuous learning in data analytics and AI domains.

LINK	LANGUAGES

LINK

- **HackerRank**: **@suresh2004krishna1**
- **Github: @Suresh-kg**

LANGUAGES

English | Tamil