JEFFREY LEO.A

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Linkedin : https://www.linkedin.com/in/jeffrey-leo-874a61232/   **Location :** Chennai

Profile

Aspiring **Data Analyst** with strong academic and practical knowledge of **Python, MySQL, Pandas, NumPy, and Tableau, Power BI**. Trained in data cleaning, exploratory data analysis (EDA), statistical analysis, and data visualization through hands-on practice and learning projects. Familiar with writing SQL queries to retrieve and analyse data, using Python libraries for data manipulation, and creating interactive dashboards to present insights clearly. Highly motivated to apply analytical skills and continuously learn in a real-world data environment

Core Skills

- **Programming :** Python
- **Databases**   : MySQL, pgAdmin
- **Data Analysis :** Data Cleaning, EDA, Data Transformation
- **Libraries**   : Pandas, NumPy
- **Data Visualization :** Tableau & Power BI

Soft Skills

- Willingness to Learn
- Analytical Thinking
- Collaborative
- Communication
- Attention to Detail
- Adaptability

Academic & Project Experience

Customer Churn Analysis & Prediction | Python, Pandas, NumPy, Scikit-learn, Matplotlib
Analyzed telecom customer data using EDA and statistical feature analysis; performed data cleaning, one-hot encoding, and MinMax scaling to engineer 26 predictive features.
Developed and validated a binary classification model using train-test split; evaluated performance via precision, recall, F1-score, and confusion matrix to generate data-driven retention insights.

End-to-End Data Analysis & Predictive Modeling | Python, Pandas, NumPy, SQL, Power BI, Scikit-learn
Performed data extraction, cleaning, transformation, and exploratory data analysis (EDA) on structured datasets using **Python** and **SQL**; applied feature engineering, categorical encoding, and MinMax scaling to prepare analytical datasets.
Conducted statistical analysis and developed a classification model using train-test split; evaluated performance with confusion matrix, precision, recall, and F1-score to validate predictive accuracy.
Designed interactive **Power BI** dashboards with KPI metrics, trend analysis, segmentation, and data storytelling to deliver actionable insights and support data-driven business decision-making.

Student Management System | Python, Tkinter, MySQL
Developed a role-based desktop application to manage student records, attendance, and fee tracking using Python (Tkinter) and MySQL. Implemented stored procedures, functions, and triggers to automate ID generation and ensure efficient database management.

Education

B.Sc. Computer Science (Pursuing)
Government Arts and Science College, Chennai
2023 – 2026 | CGPA: 8.2 / 10 | No Current Backlogs

Higher Secondary Education
St. Mary's Higher Secondary School, Dindigul
2012 – 2019

Diploma in Paramedical & Allied Health Science
G.T.N. Institute of Paramedical and Allied Health Science, Dindigul
2019 – 2022