

JEFFREY LEO.A

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Mobile : 9360151340

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.

Portfolio Website | HTML5, CSS3, Bootstrap, JavaScript

Designed and developed a responsive personal portfolio website featuring smooth scroll navigation, interactive project filtering with Isotope.js, and animated skill progress bars. Implemented a modern single-page layout with sections for work experience, portfolio gallery, resume download, and contact form, ensuring cross-device compatibility and optimal user experience through Bootstrap's grid system and custom CSS styling.

Student Management System | Python, Tkinter, SQLite, Pandas

Built a desktop CRUD application for managing 15-field student records with SQLite backend, featuring data validation, interactive Treeview table, and Excel/CSV export. Implemented gradient UI with scrollable canvas, parameterized SQL queries for security, and event-driven programming for real-time form population.

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