JAI HARI NATARAJ S

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PROFESSIONAL SUMMARY

- Data Analyst skilled in Python and SQL for statistical analysis of large, structured datasets.
- Experienced in data cleaning, transformation and **Exploratory Data Analysis (EDA).**
- Proficient in data visualization, **metrics/KPI analysis**, and predictive modeling using **Linear** and **Logistic Regression** to support data-driven decision-making.
- Experienced in building **stakeholder-ready dashboards**, reports using **Excel and Power BI** for clear, actionable insights.

TECHNICAL SKILLS

Languages: Python, SQL, JavaScript
Libraries: Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn
Tools: Excel, Power BI; **Version Control:** Git, GitHub

PROJECTS

Tamil Nadu SIR 2026 Draft Voter Roll Impact Analysis View
Tools: Python, SQLite, Pandas, NumPy, Matplotlib, scikit-learn, Web Scraping, Excel

- Integrated, cleaned, and analyzed **multi-source structured datasets (web-scraped and Excel)** across **234 constituencies** using Python and SQL, ensuring high-quality, **analysis-ready data**.
- Performed exploratory data analysis and quantitative analysis to identify **threshold-based patterns**, classifying about **68% of constituencies as high-significance** and summarizing findings clearly.
- Built and evaluated an interpretable **Logistic Regression model**, achieving nearly **98% validation accuracy** and producing **probability-based insights** for data-driven decision-making.

Zomato Restaurant Data Analytics - Customer Behavior Analysis View
Tools: Python, Pandas, NumPy, Matplotlib, Seaborn

- Analyzed Zomato restaurant data using Python to **identify customer preferences**, popular restaurant types, and **pricing trends**.
- Performed data cleaning and **exploratory data analysis (EDA)** to compare online vs offline ordering **behavior and customer ratings**. Presented **insights** using data visualizations to support data-driven **decision-making** in the food and hospitality domain.

End-to-End Customer Churn Analysis for Bank Customers View
Tools: Power BI (Power Query, DAX), Data Modeling (Star Schema), Microsoft Excel, CSV

- Conducted an end-to-end customer **churn analysis for bank customers** using Power BI, including data sourcing, **Power Query** transformations, star-schema data modeling, and **DAX-based KPIs**.
- Analyzed churn drivers across bank customer segments by age, credit score, balance, product type, and activity status to **identify high-risk and high-value** customers and deliver actionable business insights.

EDUCATION

Bachelor of Engineering EEE CGPA: **8.82**   **2020 – 2024**
AAA College of Engineering and Technology (Anna University)

CERTIFICATIONS

- Databases and SQL for Data Science with Python View
- Data Visualization and Dashboards with Excel View
- Data Analytics with Python View

ACHIEVEMENTS

- Secured **1st Rank** in Semester Examinations of the **Anna University (2022 - 2023)**.