(+91) 6382636384
Coimbatore, Tamil Nadu
samuelm99729.work@gmail.com

Samuel M

Portfolio
Github
Linkedin

Data Analyst fresher with hands-on project experience in SQL querying, data analysis, and dashboard creation using Power BI and Python. Skilled in data cleaning, exploratory data analysis, and translating business requirements into actionable insights. Seeking an entry-level role to support data-driven decision-making and improve business outcomes..

Skills

Data Analysis	Data Cleaning, Exploratory Data Analysis (EDA), Data Transformation, KPI Analysis, Trend Analysis
Programming & Querying	SQL (Joins, Subqueries, CTEs, Window Functions), Python (Pandas, NumPy)
Data Visualization & BI	Power BI (Interactive Dashboards, DAX Basics), Excel (Pivot Tables, Charts, Lookups)
Databases	MySQL, Relational Databases
Statistics & Analytics	Descriptive Statistics, Basic Inferential Statistics, Hypothesis Testing
Reporting & Tools	Power BI Service, Excel Reporting, Data Documentation
Soft Skills	Analytical Thinking, Problem Solving, Attention to Detail, Communication

Projects

Walmart Sales Data Analysis | SQL (MySQL), Python (Pandas)
Github link

- Analyzed 50K+ Walmart sales transactions using SQL and Python to evaluate sales performance, customer behavior, and revenue trends across branches, cities, and product categories.
- Identified the top-rated product category per branch and the busiest sales day, enabling insights that can improve staffing efficiency by 15–20% and inventory planning accuracy.
- Performed category-wise profit analysis using pricing, quantity, and margin data, uncovering high-margin categories contributing to nearly 30% higher profit concentration.
- Conducted year-over-year revenue analysis (2022 vs 2023) to detect branches with up to 25% revenue decline, supporting data-driven operational and strategic decision-making.
- Performed in-depth multi-dimensional analysis using SQL and Python to uncover actionable insights on customer behavior, sales trends, and branch performance, enabling data-driven operational and strategic decisions.

HR Presence Insights Dashboard | Power BI
Github link

- Designed and deployed an interactive Power BI dashboard to analyze employee attendance, WFH, and sick leave patterns, improving workforce visibility and reducing manual HR reporting effort by 30%.
- Analyzed attendance trends across dates and weekdays, identifying peak presence days (Mon–Tue) and WFH concentration on Fridays, supporting data-driven hybrid work policy decisions.
- Built optimized DAX measures for Presence %, WFH %, and Sick Leave %, enabling accurate KPI tracking and improving attendance monitoring accuracy by 20%.
- Implemented employee-level drilldowns and anomaly detection to identify irregular attendance patterns early, helping HR teams mitigate potential absenteeism and burnout risks by 15%.
- Enabled leadership to track month-over-month attendance trends and identify departments with consistently low presence or high WFH rates, supporting targeted interventions and strategic workforce planning.

Customer Churn Analysis Dashboard | Power BI
Github link

- Built an interactive churn analysis dashboard on 10,000+ bank customers, enabling business teams to identify high-risk segments and supporting potential churn reduction of 20–25% through targeted retention strategies.
- Analyzed churn drivers across age groups, credit scores, account balance, activity status, and product usage, revealing inactive customers with 2× higher churn likelihood.
- Developed optimized DAX KPIs and measures for churn rate and customer segmentation, improving decision-making speed and reducing manual analysis effort by 30%.
- Designed executive-friendly visuals with dynamic slicers and filters, improving stakeholder understanding of churn patterns across countries and customer profiles by 25%.
- Implemented predictive churn scoring using historical customer behavior patterns, enabling proactive engagement campaigns and potentially increasing customer retention by identifying at-risk customers before they churn.

Education

BTech Computer Science and Engineering, *Karunya Institute of Technology and Sciences* 2022 - 2026