Idamin Rahaman

Data Analyst | Python | SQL | Power BI | Excel

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Profile Summary

- Data Analyst skilled in data cleaning, visualization, and statistical analysis using SQL, Python, and Power BI.
- Experienced in building dashboards and extracting actionable insights from real-world datasets.
- Strong understanding of analytical workflows and end-to-end data handling from extraction to visualization.

Technical Skills

- **Programming:** Python (Pandas, NumPy, SciPy), SQL, DAX
- **Visualization:** Power BI, Matplotlib, Seaborn
- **Database:** MySQL
- **Statistics & Forecasting:** Basic statistical modeling, prediction & trend forecasting using Python
- **Tools:** Excel, Jupyter Notebook, GitHub

Projects

India's Air Pollution Trend Analysis (2014–2023)

- Analyzed a decade of CPCB air quality data to uncover regional pollution trends across India.
- Extracted tables from PDF reports using Excel Power Query.
- Cleaned and normalized datasets in MySQL, ensuring consistent state and location naming.
- Processed data with Python (Pandas, SQLAlchemy) to calculate AQI based on pollutant baselines.
- Built an interactive Power BI dashboard visualizing AQI trends, regional comparisons, and policy impacts like the lockdown effect.
- Highlighted improving trends in most regions and rising concerns in the South and Northeast.

Used Car Market Analysis (India, 2002–2023)

- Conducted Exploratory Data Analysis (EDA) on 17K+ car listings from 33 brands using SQL and Python.
- Analyzed resale value trends by brand, ownership type, and location.
- Identified Delhi as the optimal city for mid-range vehicles and Mumbai for luxury resale markets.
- Visualized insights using Seaborn and Matplotlib for better market understanding.

Professional Experience

Customer Support Associate — Teleperformance Global (Mar 2024 – Jul 2025)

- Managed 50+ daily international client interactions with focus on accurate issue resolution.
- Created and maintained Excel-based performance and efficiency reports for team metrics.
- Improved analytical thinking, reporting accuracy, and data-driven communication skills.
- Developed a strong understanding of CRM tools and customer data management.

Education

- Bachelor's in English Literature (2020–2023), West Bengal State University
- Achieved CGPA: 8.6