YUSSUF AHMED

Data Analyst | Visualization Specialist

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SUMMARY

Data Analyst with hands-on experience using SQL, Excel, Python and BI tools to clean, analyze, and visualize data to support business decision-making. Strong in translating data into clear insights through dashboards, reports, and stakeholder-ready analysis. Detail-oriented with a focus on data accuracy, KPI tracking, and continuous improvement.

SKILLS

- **Data Analysis:** SQL, Excel (Pivot Tables, VLOOKUP/XLOOKUP), Data Cleaning, KPI Reporting
- **Visualization & BI:** Power BI, Tableau
- **Databases:** MySQL, SQL Server, PostgreSQL
- **Programming:** Python (Pandas, NumPy, Matplotlib)
- **Other:** Data Validation, Stakeholder Reporting, Ad Hoc Analysis

PROJECT EXPERIENCE

Healthcare Performance Continuum | SQL, Python, Power BI

- Cleaned and normalized EHR data using SQL, reducing data errors by 30%
- Performed Python-based EDA to identify drivers of patient wait times
- Developed Power BI dashboards providing hospital leaders with real-time throughput metrics
- Generated insights supporting a 20% projected improvement in patient turnaround efficiency

College Exam Results Analysis | Power BI, Power Query, Modeling

- Automated multi-year academic reporting using Power BI, Power Query (folder ingestion), and DAX, enabling dynamic updates as new data is added
- Designed a scalable data model and interactive dashboards to analyze student performance, retention risk, and behavioral drivers of success
- Confirmed full automation by adding 2024 data with no manual changes, ensuring reliable and repeatable analytics

US Residential Market Analysis | SQL, Python, Power BI

- Cleaned and integrated multiple data sources using SQL Server, enforcing data consistency and integrity
- Conducted Python-based EDA to validate distributions and aggregate data prior to modeling
- Built a Star Schema, complex DAX measures, and four connected Power BI dashboards for insight delivery

EDUCATION

Diploma in Information Communication Technology   May 2024 - April 2025
Umma University
- Completed foundational and advanced coursework in IT systems, networking, and database management.

Business Intelligence Analyst   Sep 2024 - Oct 2025
Maven Analytics
- Specialized in Data Analysis, Business Intelligence & Storytelling.
- Hands-on projects with Excel, SQL, Tableau, Python & Power BI.