

Ahtisham Syed

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Python · SQL · Power BI · Tableau · pandas · MySQL

SUMMARY

Final-year Industrial Electronics Engineering student with hands-on experience in data analysis, visualization, and business intelligence. Self-taught in Python, SQL, Power BI, and Tableau through real project work. Passionate about turning raw data into actionable insights — open to remote and Karachi-based opportunities.

PROJECTS

KSE-100 Pakistan Stock Exchange Analysis

Python · SQL · pandas · matplotlib · seaborn · [GitHub Link](#)

- End-to-end analysis of 13 years (2008–2021) of KSE-100 data — combining Python EDA with SQL window functions on 3,600+ data points.
- Uncovered 10x index growth over 13 years; identified 2010 as most volatile year (std dev 3.5%) and a consistent January effect as best-performing month.
- COVID recovery outpaced the 2008 financial crisis; SQL drawdown analysis revealed market 12% below ATH in Feb 2021; 30-day MA confirmed long-term bull trend.

Superstore Sales — Python + SQL Analysis

Python · MySQL · pandas · Window Functions · matplotlib · [GitHub Link](#)

- Connected MySQL to Python and answered 5 business questions on 9,694 rows using window functions — ROW_NUMBER, RANK, LAG, Running Total.
- Found Technology earns 9.6x more profit per order than Furniture despite lower discounts — a direct pricing strategy recommendation.

Pakistani E-Commerce — Power BI Dashboard

Power BI · DAX · Power Query · Excel · [GitHub Link](#)

- Built a 3-page interactive dashboard analyzing 732 orders (Apr 2024–Mar 2025) for a Pakistani home décor store — KPI cards, slicers, and drill-down visuals.
- DAX measures revealed a 37% profit margin and 92.35% delivery rate — surfaced December demand spike and COD dominance at 53.66%.

EDUCATION

Institute of Industrial Electronics Engineering (IIEE) 2022 – 2026

Bachelor of Engineering — Industrial Electronics | Karachi, Pakistan

SKILLS

Languages & Tools: Python, SQL, MATLAB, MySQL, Git, Power Query, DAX

BI & Visualization: Power BI, Tableau, Excel, matplotlib, seaborn

Libraries: pandas, NumPy, matplotlib, seaborn

CERTIFICATIONS

- HEC Generative AI Training — Top Performer · Pak Angels, March 2026
- Data Analytics Job Simulation · Deloitte Australia, Forage
- Introduction to AI · Google, September 2025

ADDITIONAL

Languages: Urdu (Native) · English (Professional)

Availability: Open to Remote · Karachi-Based · Immediate