

ALI ZEB

Data Analyst | Python | SQL | Power BI

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PROFESSIONAL SUMMARY

Detail-oriented Computer Science student with hands-on experience building ETL pipelines, relational databases, and data-driven web solutions. Proficient in Python, SQL, and data visualization tools (Power BI, Matplotlib, Seaborn). Proven ability to clean and transform complex datasets to surface actionable insights. Seeking an entry-level Data Analyst, Data Science role where I can drive measurable business impact.

TECHNICAL SKILLS

Languages: Python, SQL, C++

Data & Analytics: Pandas, NumPy, Matplotlib, Seaborn, Power BI, Excel (Advanced), Jupyter Notebook

Data Engineering: ETL Pipeline Design, Data Cleaning, EDA, Normalization, Query Optimization

Databases: MySQL, PostgreSQL, Relational DB Design, Transactions

Tools & Platforms: Git, GitHub, VS Code, Docker, Linux (basic)

EXPERIENCE

Web Developer Intern | Goal Tech NASTP, Lahore

Dec 2025 – Feb 2026

- Developed and maintained web application features, collaborating with senior developers in an Agile team environment.
- Debugged and resolved front-end and back-end issues, reducing reported bugs by participating in code review cycles.
- Gained hands-on exposure to REST APIs and deployment workflows, strengthening full-stack development fundamentals.

PROJECTS

Automated ETL Pipeline System | Python, Pandas, NumPy | github.com/aliizeb/retail-sales-etl-pipeline

- Engineered a Python-based ETL pipeline to ingest, clean, and transform raw, unstructured retail sales data into an analysis-ready format.
- Implemented validation checks and error-handling logic that reduced data inconsistencies by eliminating manual preprocessing steps.
- Designed modular pipeline architecture enabling reusability across multiple dataset schemas.

Vehicle Rental System | SQL, DBMS, Normalization | Database [Design Project](#)

- Designed and implemented a fully normalized relational database (3NF) to manage vehicle rental operations for an enterprise use case.
- Optimized complex multi-table SQL queries, improving query execution efficiency and ensuring ACID-compliant transactions.
- Applied entity-relationship modeling and transaction management to ensure data integrity under concurrent operations.

EDUCATION

BS Computer Science (Ongoing) | NIIT – Air University, Lahore

2024 – Present

FSc Pre-Engineering | Cadet College Kohat

2021 – 2023

FREELANCE SERVICES (Upwork / Fiverr)

Available for freelance engagements in: Data Cleaning & Transformation | Exploratory Data Analysis (EDA) | Dashboard & Visualization (Power BI / Matplotlib) | Excel-to-Python Automation | Basic Machine Learning Models