

MUHAMMAD ABU TURAB KAZMI

Data Scientist & Data Engineer | MS (Data Science) | Python & SQL Specialist

PROFESSIONAL SUMMARY

A highly motivated Data Science professional with an advanced master's degree and hands-on corporate engineering exposure. Specializes in designing robust computational architectures, executing machine learning frameworks, and deploying end-to-end cloud data pipelines. Proven capability in problem-solving within dynamic team environments and deriving actionable business intelligence from complex data structures.

PROFESSIONAL EXPERIENCE

- Data Engineer (Intern)** | Evamp & Saanga, Islamabad (*February 2025 – May 2025*)
 - Executed a production-grade, end-to-end data engineering lifecycle utilizing Databricks within a structured Data Lakehouse Architecture.
 - Engineered complex database transformations, utilizing high-level SQL querying and custom Python optimization scripts.
 - Designed and deployed corporate business intelligence dashboards within Power BI to drive metric visualization.

EDUCATION & ACADEMIC SPECIALIZATIONS

- MS in Data Science** | Air University, Islamabad (*September 2023 – January 2026*)
 - Final Year Project:** Explainable AI (XAI) based energy forecasting models deployed inside smart grid networks.
 - Core Curriculum:** Machine Learning, Deep Learning, Big Data Analytics, Computer Vision, Natural Language Processing (NLP), and Time Series Analysis.
- BS in Bioinformatics** | COMSATS University, Islamabad (*August 2018 – July 2023*)
 - Final Year Project:** Automated brain tumor segmentation pipelines using MRI imaging datasets driven by Machine Learning.
 - Core Curriculum:** Artificial Intelligence, Bioinformatics Software and Database Development, Statistical Methods, and Bioinformatics Scripting.

CORE COMPETENCIES & TECHNICAL TOOLKIT

Core Engineering & Languages: Python Programming, Structured Query Language (SQL), Machine Learning Modeling, Deep Learning Frameworks, Explainable AI (XAI).

Architecture & BI Tools: Databricks Lakehouse Architecture, Big Data Analytics pipelines, Power BI Dashboard Design, Corporate Data Visualization.

REFERENCES

Verified academic publications, technical project documentation, and institutional references are completely available upon request.