

Khawaja Aneeq Ahmed Tariq

Data Engineer / slide into my [LinkedIn](#)

With 4+ years of experience, I've **designed and scaled data platforms** that enabled decision-making for a leading telecom with 85M+ users, processed billions of records for one of the fastest-growing digital financial services, and delivered analytics solutions to 10+ national businesses across retail, finance, and tech sectors.

Work Experience

Cognitive HealthCare International / Data Engineer

MAY 2025 - PRESENT, REMOTE

- Engineered **ETL pipelines** in Python and Airflow to integrate patient, claims, and EHR data — reducing manual data prep time by 60% across clinical teams.
- Migrated healthcare analytics workflows to Google BigQuery and dbt, enabling real-time insights and cutting report delivery time by 70%.
- Collaborated with data scientists to build clean, **HIPAA-compliant** data marts that supported predictive modeling for 15+ hospital systems.

Jazz – Data Monetization / Intermediate Analytics Engineer

JAN 2023 – SEP 2023, ISLAMABAD

- Delivered **25+ data monetization projects** across telecom, retail, banking, and FMCG sectors as part of the **Analytics-as-a-Service** team
- Designed a nationwide **geospatial mapping tool** using Folium, visualizing over 85 million customer profiles across 150+ administrative units — enabling precision targeting for external clients.
- Conducted **post-marketing campaign analytics** for **10+ major clients**, identifying strategies that improved campaign ROI by up to 18% in subsequent cycles.

Jazz Cash (MMBL) / Intermediate Analytics Engineer

JAN 2022 – JAN 2023, ISLAMABAD

- Developed a centralized dashboard summarizing KPIs for 50+ digital financial products, improving cross-team visibility and reducing reporting turnaround time by 50%.
- Identified and resolved data quality gaps across 12+ pipelines, enhancing the accuracy of key business KPIs used by executive leadership.
- Automated 30+ recurring business data queries raised by commercial teams — from initial requirement gathering to dashboard deployment and iterative optimization — reducing manual workload by 60% and improving response time to ad hoc requests.

Other Experiences / BI Engineer

DATA VISUALIZATION PROJECTS [VIEW PROJECTS](#)

- Designed and deployed 20+ interactive dashboards in Tableau and Power BI to track KPIs for digital financial services, telecom, retail and e-commerce — improving stakeholder visibility and reducing reporting time by 50%.
- Built 150+ MicroStrategy reports and Dossiers for telecom and FMCG clients, enabling real-time monitoring of revenue trends, campaign performance, and customer engagement.

LinkedIn / [aaneeq21](#)

Github / [aaneeqkakroo](#)

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Northampton, UK

Education

MSc Data Science

Anglia Ruskin University, Cambridge

SEP 2023 – SEP 2024

BE Electrical Engineering

NUST, Islamabad

SEP 2015 – SEP 2019

Skills

Programming Languages: Python, R, SQL, C/C++, Scala

Database Management: MySQL, Teradata SQL, PostgreSQL, MongoDB

Data Warehousing: Teradata, Google BigQuery, Amazon Redshift

ETL Tools: Informatica, SLJM, MS SSIS, Google Data Flow

Big Data Technologies: Hadoop, Spark, Hive, Kafka

Data Visualization: Tableau, Power BI, MS Excel

Dev Ops & CI/CD: Jenkins, Kubernetes, Docker

Cloud Platforms: Amazon Web Services, Google Cloud Platform

Version Control: Git, GitHub

Machine Learning: SciKit-learn, PyTorch, TensorFlow, Keras

Workflow & Documentation: Jira, Confluence

Certifications

Google Data Analytics Professional Certificate

Teradata Vantage 17.20

SQL Advanced Certificate