

### Profile Summary

Data Engineer with over a year of experience in building data intensive applications, tackling challenging architectural and scalability problems, collecting and sorting data in the banking and insurance sector. Currently, helping Adamjee Insurance in their business by maintaining and resolving Data warehouse issues.

### Professional Skill

- IBM Data Stage
- IBM Cognos
- Vertica
- Oracle

### Relevant Skill

- Python
- Power BI
- Data Warehouse
- ETL pipelines

### Education

#### Bachelor Of Computer Science

2018-2022

University of Engineering and Technology Lahore, Pakistan

### Work Experience

#### Apprentice Data Analyst

2022-2023

##### TenX

Lahore, PAK

- Monitor ETL processes to identify and troubleshoot any issues or errors.
- Perform initial and incremental loads during the ETL process to ensure that data is loaded correctly and completely.
- Develop and implement ETL solutions that are scalable, efficient, and reliable.
- Work with business stakeholders to understand their data requirements
- Use data quality tools and techniques to ensure the accuracy and completeness of data.
- Document ETL processes and procedures to facilitate maintenance and troubleshooting.

#### Data Engineer

2023-Present

##### TenX

Lahore, PAK

- Architect, develop, and maintain ETL (Extract, Transform, Load) processes to extract data from a variety of Oracle sources and load it into the Vertica database using **IBM Data Stage**.
- Collaborate with business stakeholders and data analysts to define data requirements, ensure data quality, and monitor ETL performance.
- Troubleshoot and resolve ETL issues and errors, including data corruption, schema mismatch, and performance bottlenecks.
- Design, develop, and maintain data models and schemas in Vertica for efficient data storage and retrieval.
- Develop, modify, and optimize SQL scripts and queries to perform data manipulation, transformation, and aggregation in **Vertica**.
- Develop and deploy data quality checks and monitoring procedures to ensure the accuracy and completeness of data.
- Work with different databases using a single integrated environment, **Aqua Data Studio**.

- Create new reports through **IBM Cognos** by connecting to data sources, defining queries, and specifying the layout and formatting of the reports.
- Make and send alerts of reports to selected recipients by creating event rules in Event Studio. Event rules specify the conditions that must be met for an alert to be triggered, the recipients of the alert, and the content of the alert.
- Schedule the delivery of alerts by specifying the time and frequency of the delivery.

## Certification

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### Kaggle

- Python
- Introduction to Machine Learning
- Data Visualization

### Coursera

- SQL for Data Analyst
- Introduction to Data Engineering
- Power BI

## Future Goal

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- Google Cloud Platform
- Azure Microsoft