

Ali Akbar

Data Engineer

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Url: [Ali Akbar](#) | [LinkedIn](#)

Education:

MS Computer Science (2018)

The University of Agriculture Faisalabad

BS Computer Science (2014)

National College of Business Administration & Economics

Skills:

Advanced: SQL, PLSQL, Talend, Tableau, ETL/ELT

Intermediate: Power BI, Sqoop, NIFI, Hive, Python

Beginner: Spark, Kafka, Airflow, Databricks, No-SQL, Bash Script, Glue/Athena

Work Experience:

Data Engineer

02/2022 – Present

Interloop Limited

Faisalabad, Pakistan

Optimized ETL Processes with Talend: Streamlined ETL workflows using Talend, reducing data processing time by **35%** and improving overall system efficiency.

Waste Analysis Dashboard: Developed a comprehensive Tableau dashboard for waste analysis, resulting in a **30%** reduction in waste through enhanced data visibility and actionable insights.

Machine Performance Monitoring: Implemented a machine performance monitoring tool, boosting operational efficiency by **35%** and reducing downtime by providing real-time performance data and predictive maintenance insights.

Data Analyst

10/2020 – 02/2022

Kamal Mill Limited

Faisalabad, Pakistan

Cost Reduction through Automated KPI Dashboards: Developed automated KPI dashboards using Oracle Apex and OBIEE, enabling stakeholders to reduce operational costs by **15%** through improved resource allocation and process efficiencies.

Time Optimization with Real-Time Data Insights: Created real-time data visualization dashboards that streamlined report generation and data validation, reducing analysis and decision-making time by **30%** through efficient ETL processes and optimized SQL queries.

Projects: Utilized Python for downloading tweets, stored data in HDFS, applied PySpark operations for analysis, established Hive tables, and developed a dashboard using Power BI.

Certification:

AWS Data Engineer (Udemy) 12/2023,

Big Data Analytic (Dice Analytic) 10/2023

Data Analytics and Business Intelligence (Digi skills) 10/2022