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Summary

Experienced Data Engineer and Data Analyst with a knack for developing efficient data pipelines and transforming complex datasets. Proficient in designing and implementing Tableau dashboards to visualize and analyze data effectively. Skilled in data extraction, cleansing, and loading processes, ensuring data quality and integrity. Possesses strong problem-solving abilities, meticulous attention to detail, and a collaborative mindset for cross-functional teamwork. Committed to delivering actionable insights and driving data-informed decision-making. Seeking opportunities to leverage my technical skills and analytical mindset to optimize business processes and enhance data-driven strategies.

Skills

SQL	Expert
Talend	Expert
ETL/ELT	Expert
PLSQL	Advanced
Tableau	Advanced
Data Analysis	Advanced
Data Warehouse	Advanced
Power BI	Intermediate
Apache Spark	Intermediate
Apache Hive	Intermediate
Apache NiFi	Intermediate
Apache Kafka	Intermediate
Apache Sqoop	Intermediate
Databricks	Intermediate
R	Beginner
Python for DS	Beginner
No SQL	Beginner
Powershell / Bash Scripting	Beginner

Languages

English	Fluent
Urdu	Native

Ali Akbar
Data Engineer



Experience

Data Engineer

Interloop Limited
02/2022 - Present

- Extensive experience in data analysis and reporting along with strong knowledge of database and related technologies (SQL, PLSQL, OLAP, OLTP).
- Analyzed the requirements and framed the business logic for the ETL process using Talend and involved in the Talend jobs design and its Development.
- Developed jobs using Talend for data loading, importing Source/Target tables from the respective databases and flat files.
- Developed and maintained ETL (Data Extraction, Transformation and Loading) mappings using Talend to extract the data from multiple source systems that comprise databases like Oracle, SQL Server,DB2,Postgre, flat files to the Staging area, EDW and then to the Data Marts.
- Expertise in ETL methodology for performing Data Profiling, Data Migration, Extraction, Transformation and Loading using Talend and designed.
- Design and develop efficient ETL processes for data ingestion, integration, and analytics.
- Design and implement data models, databases, and data warehouses for data storage and analysis.
- Establish and maintain technical environment for data analysis, such as databases and data warehouses in cloud environment.
- Design dimensional data models, ETL workflows and SQL queries leveraging a variety of big data technologies.
- Expertise in Data modeling techniques like Data Modeling- Dimensional/ Star Schema and Snowflake modeling, Slowly Changing Dimensions (SCD Type 1, Type 2, and Type 3).
- Interaction with end-users and functional analysts to identify and develop Business Specification Documents (BSD) and transform it into technical requirements.
- Develop Tableau interactive dashboards and reports that provide clear visualizations of various industry-specific KPIs.
- Identify relevant trends, do follow-up analysis, prepare visualizations in form of charts, graphs, and tables.
- Developing dashboards to track productivity and expedite remediation of issues.
- Access and transform massive datasets through filtering, grouping, aggregation, and statistical calculation Consult with clients and internal stakeholders to gather requirements and plan milestones in the research, development, and implementation phases of the project lifecycle.
- Created various Excel documents to assist with pulling metrics data and presenting information to stakeholders for concise explanations of best placement for needed resources.

BI Developer

Kamal Mill Limited
10/2020 - 02/2022

- Developing reports and dashboards exhibiting KPI's and analysis with a vision of helping stakeholders in making important business decisions.

Education

Computer Science
University of Agriculture, Faisalabad 2018
MS Computer Science

Computer Science
National College of Business Administration & Economic
2014
BS Computer Science

CERTIFICATES

Big Data Analytics (Dice Analytics)
08/2023

Google Data Analytics (Coursera)
03/2023

Data Analysis with R Programming (Coursera)
01/2023

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

Tableau (Skill Up/Great Learning)
05/2022

Google Analytics (Google)
05/2022

OBIEE (Career Institute)
12/2019

Oracle APEX (YouTube)
11/2019

SAP ABAP E-academy (Excellence Delivered EXD)
09/2017

- Maintain and redevelop regular or ad-hoc, business relevant user friendly reports for key stakeholders as required.
- Validating data and reports to ensure high levels of data accuracy and integrity.
- Converted data into actionable insights by predicting and modeling future outcomes.
- Data wrangles, gathered, processed and analyzed data for different adhoc requests.
- Manage and customize all ETL processes as per the requirement of data visualization.
- Assessed platform statistics to create customized, data-intensive BI analytics.
- Wrote and optimized SQL statements to assist business intelligence practices.

Software Developer

HAR Textile Mills
08/2018 - 09/2020

- It was my duty to meet clients to understand their requirements and prepare program that is easy usable and understandable.
- Responsible for testing the programs before delivering and ensuring that all prerequisites are met. Responsible for design and maintenance Oracle Apex Forms/Reports.
- Developed a number of forms and reports using Oracle Developer 11 g.
- Used critical thinking to break down problems, evaluate solutions and make decisions.
- Identified issues, analyzed information and provided solutions to problems.
- Provided professional services and support in a dynamic work environment.
- Cultivated interpersonal skills by building positive relationships with others.

Software Developer

Sadaqat Limited
04/2015 - 07/2018

- Responsible for support and maintenance of systems.
- Responsible testing the system and ensuring proper functions of programs required by the client.
- Responsible for communicating with clients and discussing their needs.
- Developed a number of forms and reports using Oracle Developer 10 g, 6i.
- Designed, developed, coded, tested, documented, and implemented data modeling features using TOAD and other third party tools.
- Also Developed Customize reports & Screens of SAP ABAP.
- Collaborated on stages of systems development lifecycle from requirement gathering to production releases.
- Updated old code bases to modern development standards, improving functionality.
- Translated customer requirements into written use cases.
- Corrected, modified and upgraded software to improve performance.