

Job Description – ETL/Data Quality Developer

Role description:

The ETL/Data Quality Developer will be responsible for designing, developing, and implementing ETL processes and/or data solutions to support data integration and ensure the accuracy, completeness, and reliability of data. This role requires strong technical skills, attention to detail, and the ability to work effectively in a team environment.

Key Responsibilities:

- Design, develop, and implement data management frameworks and processes to monitor and improve data quality.
- Design, develop, and implement ETL processes for data extraction, transformation, and loading from various data sources to support data management initiatives
- Design and develop data management dashboards and reports
- Collaborate with data architects, business analysts, and other stakeholders to understand integration and data quality requirements.
- Develop and optimize SQL queries, scripts, and stored procedures to ensure efficient data processing.
- Develop and maintain data quality rules, scripts, and workflows to detect and correct data anomalies.
- Develop and maintain documentation for ETL & data quality processes, standards, and best practices.
- Monitor and troubleshoot processes, identifying and resolving issues in a timely manner.
- Conduct performance tuning and optimization of processes to improve efficiency and scalability.
- Collaborate with IT and other departments to integrate data management solutions with existing data systems and workflows.
- Ensure compliance with data governance and security policies.

Personal Attributes:

- Detail-oriented and highly organized.
- Strong analytical and problem-solving skills and a proactive approach to challenges.
- Ability to work independently and as part of a team.
- Adaptable and open to change in a fast-paced environment.
- Strong ethical standards and a commitment to confidentiality.
- Excellent communication and interpersonal skills, with the ability to interact effectively with stakeholders at all levels.
- Attention to detail, while having the ability to understand broader business context.

Qualifications & Experience

1. Bachelor's Degree, in Computer Science, Information Technology, Data Science or related field
2. Minimum of 5 years' experience as a Developer or in a similar role.
3. Strong SQL skills and experience with relational databases (e.g., SQL Server, Oracle, MySQL).
4. Experience with Microsoft SQL Server technologies: Analysis Services, T-SQL, Integration Services and Reporting Services.
5. Proficiency in ETL tools and technologies (e.g., Informatica, Talend, SSIS, SAS etc).
6. Proficiency in data quality tools and technologies (e.g., Informatica Data Quality, Talend, IBM InfoSphere).
7. Proficiency in Microsoft Office Suite (Word, Excel, PowerPoint, Visio) and other relevant software.
8. Experience with data profiling, data cleansing, and data validation techniques.
9. Good understanding of database design and Data Modelling techniques
10. Experience with BI reporting tools
11. Experience documenting and testing data quality assurance processes
12. Experience with programming languages such as Python, Java etc is a plus
13. Familiarity with data governance, data quality, and data security best practices.