Sr. Data Engineer / Quality Engineering

Location:Sparks, US

Job Type: Full-time

Job ID: 139360

REFERAPPLY

Roles

Tesla's mission is to accelerate the world's transition to sustainable energy. We are committed to hiring the world's best and brightest people to help make this future a reality.

Responsibilities

* Automating analyses and authoring pipelines using SQL, Python, Airflow, Kubernetes based ETL framework
* Maintaining existing data visualizations, data pipelines and dashboard enhancement requests
* Work effectively with engineers and conducting end-to-end analyses, from data requirement gathering, to data processing and visualization using Tableau
* Acquire data from primary or secondary data sources and maintain databases/data systems to empower operational and exploratory analysis
* Monitoring key product metrics, understanding root causes of changes in metrics
* Identify, analyze, and interpret trends or patterns in complex data sets and depict the story via dashboards and reports
* Perform data quality validations to ensure data creation is as per the business needs and expectations
* Work with management to prioritize business and information needs
* Follow best practices for scalability and performance, ensuring data quality, and maintaining documentation.
* Collaborate with other team members for effective knowledge transfers.

Requirements

* Minimum of 2-3 years of experience in a data engineering/software related capacity
* Proficient at ad-hoc analysis using SQL queries and python data analysis packages (e.g. Pandas, Numpy)
* Understanding of relational database theory and proficiency in writing, understanding, and optimizing complex SQL code
* Experience with Business Intelligence tools (e.g. Tableau) and real time dashboard development
* Software engineering fundamentals, knowledge of data structure and algorithms
* Strong communication, organizational, and analytical and problem-solving skills
* Preferred: BS/MS in Management Information Systems, Computer Science, Engineering, Statistics, or another technical field