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# Example of Engineer, Data Job Description

Our innovative and growing company is looking to fill the role of engineer, data. To join our growing team, please review the list of responsibilities and qualifications.

## Responsibilities for engineer, data

* Contributes towards open source projects
* Presents coding/database topics to development peer group internal and external to work
* Use knowledge in statistics, advanced math, data mining, machine learning, natural language processing & information retrieval to build robust data solutions
* Implement and maintain ETL process, batch and streaming data pipeline
* Data Warehouse maintenance and metadata management
* Ensure data quality is adhered to during project delivery, and provide guidance to delivery team accordingly
* Works closely with teams and individuals on HDFS, Talend, Kafka, Spark, Greenplum, PostgreSQL scripting, has experience with real-time data replication, Data Quality and profiling to ensure quality of extracted data
* Understand and work with reporting tools like OBIEE & Tableau to drive an internal suite of products for the Finance community
* Identify specific success metrics for our internal services client programs
* Design and implement metrics, data storage, and reporting mechanisms

## Qualifications for engineer, data

* Recent experience in SQL tuning, indexing, partitioning, data access patterns and scaling strategies
* Programming/Scripting experience in Java and/or Scala
* Scripting with Shell, Python, Ruby or similar
* Bachelor’s degree or higher in computer technology or related field
* Master's Degree in Computer Science or Computer/Electrical Engineering or related field
* 2 to 3 years experience in machine learning