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# Example of Data Engineer, Analytics Job Description

Our company is growing rapidly and is hiring for a data engineer, analytics. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

## Responsibilities for data engineer, analytics

* Gather reporting and analysis requirements and translate into reporting structures data models, including aggregate tables, pivoted tables, relational or dimensional (star-schema) marts
* Provide day-to-day support to end users who are interacting with the data
* Identify causes of systematic and random yield loss, drive to root cause, and implement countermeasures using data analysis methods and process knowledge
* Drive understanding of yield issues, support development and implementation of process BKMs
* Drive/support development and implementation of quality requirements, test conditions, and screens
* Design, architect, document, develop, test and maintain systems and processes to collect, transform, store and enable analysis of structured and unstructured data
* Curate data, ensure data quality and integrity
* Define, develop and test analytics based on client’s needs
* Work hand in hand with experts to identify opportunities and develop functional proof of concepts analytics
* Support and lead the solution of complex technical problems

## Qualifications for data engineer, analytics

* Good to have exposure to Big Data technologies like Apache Spark, Hadoop and Cluster administration
* Working knowledge of physical / mechanical systems
* Experience / awareness of key technologies and concepts big data and analytics; Internet of Things; Industrial Internet; Cloud Services
* 5+ years experience in dimensional data modeling, designing and implementing scalable ETL design and mappings, database query construction and data warehousing skills
* Proficient in Stata, R, Python or some combination
* Familiar with Redshift, Hadoop, Java