



Example of Data Science Engineer Job Description

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Our innovative and growing company is looking for a data science engineer. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

Responsibilities for data science engineer

- Assisting in the development of distributed computing / big data applications using open source frameworks like Apache Spark, Apex, Flink, Storm, NIFI and Kafka
- Integrating DevOps techniques into the big data ecosystem (Spark / Hadoop – HDP / EMR)
- Build tools using advanced statistical techniques that automatically analyze employee and survey data, extracting the information that predicts employee engagement, attrition, performance
- Design and architect software
- Design and develop high-performance, data-driven systems in a distributed infrastructure
- Research and develop algorithms to analyze high velocity streaming data
- Design and evaluate experiments to monitor key product metrics, understand root causes of changes in performance
- Build user behavior models to guide product roadmaps
- Translate strategic requirements into usable tools and infrastructure
- Implement large scale data management and transformation systems

Qualifications for data science engineer

- A minimum of 1 years of experience using Scripting (Python, Perl, Shell,) is required

- 3+ years of development experience using Java for data processing
- Very strong skills working with very large data sets with a variety of tools
- Ability to work effectively in an unstructured and fast-paced environment both independently and in a team setting, with a high degree of self-management with clear communication and commitment to delivery timelines
- Expert knowledge of Oracle SQL, including building stored procedures