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# Example of Principal Data Scientist Job Description

Our growing company is looking for a principal data scientist. We appreciate you taking the time to review the list of qualifications and to apply for the position. If you don’t fill all of the qualifications, you may still be considered depending on your level of experience.

## Responsibilities for principal data scientist

* Develop strong relationships with business, application and platform development team members by being proactive, displaying a thorough understanding of the business/product development processes and by recommending innovative solutions
* Integrating data from multiple sources including third party sources
* Provides consultative direction for the data science team and the organization as a whole
* Leads the identification and adoption of latest technology developments to ensure we maintain an infrastructure to extract, manage, and analyze data in a scalable way, and to develop best in class risk mitigations, acquisition engines, profitability algorithms, and new product enhancements
* Function as a predictive modeling expert or application team lead on internal and customer-facing external projects
* May manage a group of data scientists and engineers
* Build and test analytic and statistical models to improve a wide variety of both internal data-driven processes for map-building and external, customer-facing automated decision and system control needs
* Develops and implements statistical models to be used in a production environment to improve survey quality
* Conducts tactical or strategic analyses to address business and customer opportunities
* Works as a leader on the Audio Statistical Research team in a time-critical production environment

## Qualifications for principal data scientist

* Expertise in advanced analytics tools and languages to analyze large data sets from multiple data sources
* Good business acumen practice
* Expert Level with R and/or Python
* Solid knowledge of Hadoop environment and ability to interact with large datasets using tools such as
* Exceptional core Project Management skills
* Knowledge of disease area