Downloaded from <https://www.velvetjobs.com/job-descriptions/senior-data-scientist-data-scientist>

# Example of Senior Data Scientist / Data Scientist Job Description

Our company is growing rapidly and is searching for experienced candidates for the position of senior data scientist / data scientist. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

## Responsibilities for senior data scientist / data scientist

* In depth experience with exploratory Big Data discovery through the use of technologies such as Teradata EDW, Aster, Tableau, and Hadoop
* Able to perform machine learning experimentations and draw conclusions
* Create statistical and machine learning models in multiple technologies using best-in-class data science approaches
* QA and measurement of solutions with the team
* The Data Scientist sifts through the data for useful nuggets of information, and then presents it to the client to allow business decisions to be made on the findings
* Build scalable, RESTful microservices to surface analytics results for stakeholders
* Create and deploy model and algorithm testing strategies to ensure model predictability holds
* Present results to business line stakeholders and help implement real data-driven changes
* Design state of the art descriptive, diagnostic and predictive algorithms based on the business requirements
* Provide analytics solutions in Big data platform which can scale

## Qualifications for senior data scientist / data scientist

* Software development skills in high level languages (C#/C/C++/Java/F#)
* Experience working with large data sets and working with distributed computing tools
* Bachelor or Master’s degree in quantitative field such as mathematics, statistics, operations research, or engineering/technology with an emphasis on statistical analysis
* Background in Computer Science, Electrical Engineering, Statistics, Physics, Mathematics, Operations Research or equivalent technical field, with PhD or MS degree with 3+ years of experience in the industry for Scientist, 4+ years post Ph.D or 7+ years post M.S for Senior Scientist, 7+ years post Ph.D or 10+ years post M.S for Principal Scientist
* Programming skills (esp
* Masters degree (preferably in Statistics / CompSci), with exposure to Statistics, Data Mining and Operations Research