



# Example of Decision Scientist Job Description

Powered by [www.VelvetJobs.com](http://www.VelvetJobs.com)

Our company is growing rapidly and is searching for experienced candidates for the position of decision scientist. To join our growing team, please review the list of responsibilities and qualifications.

## Responsibilities for decision scientist

- Less than 3 years of experience or fresh candidates with data analytics related thesis or projects can apply with above qualification
- Working knowledge of statistical analysis tools like R, Matlab etc
- Develop real time and batch risk models to screen online transactions and stop fraudulent ones independently
- Document and communicate model results and insights internally
- Support Senior/Staff Risk Scientists with ad-hoc analysis in response to internal and external requests
- Continuously track and evaluate the effectiveness of risk models and rules
- Analyze online transaction activity to identify loss reduction opportunities and devise actionable plans to exploit such opportunities
- Profile customer behavior to identify opportunities to enhance model/rule performance
- Design, develop and deploy data-driven predictive models/algorithms to solve business problems using the latest and most appropriate technologies in Operations Research, Machine Learning and Statistical Modelling
- Perform data analysis on large scale datasets (millions of rows)

## Qualifications for decision scientist

- Advanced SQL skills and familiarity with Python, Java, C/C++
- Multi-tasking and comfortable in working in a fast-paced environment
- 5+ years' directly related analytical experience

- BA/BS in Business, Finance, Statistical Analysis or other quantitative discipline
  - Masters Preferred