

## Data Scientist - Job description

We are looking for a Data Scientists who will be part of a top notch engineering team building a leading edge data science workbench for a new start-up focused on HR Tech based in Tokyo, Japan. We are interested in natural and relentless problem solvers who are passionate about working with Big Data. In this role, you will take charge for the development of a number of analytical and machine learning projects in customer science and also contribute to the developmental roadmap of our workbench.

### Responsibilities

- Develop insights into customer behavior and introduce new approaches to transform complex behavioral data into actionable information using Big Data engineering and Machine Learning techniques
- Collaborate with modeling and business teams to drive development of new features, models and algorithms using the Spark ecosystem
- Institutionalize best practices to enhance data governance, model performance tracking and drive variable standardization
- Leverage enhanced data mining and visualization techniques and understand different data sources relevant for a diverse set of data analysis requirements

### Desired Skills and Expertise

Candidates should have the following background, skills and characteristics:

- Masters degree in a quantitative discipline required (preferably with a Bachelor's in Computer Science or Engineering)
- 3+ years of quantitative modeling experience using a distributed computing environment (preferably Apache Spark)
- 2+ years of hands on working experience in R, Spark (Scala is a must!) and SQL
- Javascript programming skills and experience in Tableau earn extra credit
- Strong knowledge of statistical and machine learning techniques, such as regression analysis, clustering, decision trees, collaborative filtering, k-nearest neighbors, support vector machines, association rules, and matrix factorization methods
- Deep understanding of experiment design: Control vs variations, factorial experiment design, multivariate experiments, simple random sampling vs stratified, etc.
- Strong cross-functional communication skills to be able to explain your approach to a wide variety of both technical and non-technical stakeholders
- Ability to work well with others in a high-pressure environment.

Apply at [recruitment@panopticcip.com](mailto:recruitment@panopticcip.com)