The Job Overview

We are seeking a data scientist to join our business intelligence team to help us make better business decisions based on our data. The ideal candidate will have a working knowledge of statistics, mathematics, and data science programming languages (e.g., SQL, R, Python).

Your primary responsibilities will be performing statistical analyses, running custom SQL queries, and identifying patterns and trends that can improve our products’ and services’ efficiency and usability. You will also be expected to maintain and improve our data infrastructure and tools.

Responsibilities

Below are some of the responsibilities a data scientist is expected to assume in their position:

Work with stakeholders to identify key metrics and opportunities for improving business processes, products, and services

Build, deploy, and maintain data management systems and back-end data infrastructure for our business intelligence pipeline

Perform data mining, exploration, and analysis

Create data visualizations, reports, dashboards, and data audits

Design, train, and implement machine learning algorithms

Leverage predictive models to optimize customer experiences

Creating automated anomaly detection

Job Qualifications and Skill Sets

Below are the qualifications expected of a data scientist:

Bachelor's degree in data science, data analytics, or related field

Master’s degree or Ph.D. in a quantitative field, such as statistics, computer science, mathematics, or engineering

Proficiency in Python, Java, or Kotlin

Knowledge of data science toolkits such as R, NumPy, and MatLab

Experience with big data analytics technologies such as Spark and Hadoop

Experience with data visualization tools such as D3.js and Tableau

Expertise in data mining and machine learning

Working knowledge of statistical models and business intelligence

Familiarity with cloud-based infrastructure

Ability to store and process unstructured data with NoSQL databases and machine learning models