

Qbtech

Job Description Template

Job Title: Data Scientist

Department: Medical Department

Reports To: Medical Director

Summary of Position

The Data Scientist is responsible for helping organization leverage on data, working with, for and through a team of scientists, software developers and engineers to provide valuable direction and insight, for informed decision making across the company.

The Data Scientist will help drive requirements for a contemporary data structure including data storage and integration. The Data Scientist will lead advanced analytics of data from validated and exploratory tests for ADHD diagnosis and business performance data to improve workflows and prioritization.

The Data Scientist must have some understanding of managing healthcare data as well as clinical research to support the utilization of very extensive data from clinical research to continuously improve the algorithms used for diagnostic support in the field of ADHD.

Qbtech has multiple sources on extensive and complex data sources of which several are regulated, therefore the Lead Data Scientist is essential in the further development of the company.

Essential Duties and Responsibilities

- Develop a contemporary and durable data structure for our data warehouse
- Transition of existing data
- Develop advanced quantitative modules using a variety of programs/software to support predictive assessments
- Provide recommendations for plans, programs, strategies, policies, and budgets
- Responsible for the design of algorithms that require different models/methods to be used together
- Responsible for driving data quality throughout the organization
- Apply strong understanding of data science techniques and libraries to business problems
- Visualize data and create reports
- Experiment with new models and techniques
- Align data projects with organizational goals
- Ensure strong collaboration with external research and commercial stakeholders

Supervisory Responsibilities

- The Lead Data Scientist will not have any managerial responsibilities.

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Authorities for Position

- Authorities related to budget for data management and algorithm development.
- Authorities related to supervision of third-party suppliers.

Competency Required for Position

- Proven experience as a Data Scientist or similar role
- Solid understanding of machine learning
- Experience in statistical analysis and predictive modeling
- Good knowledge of R, Python and MATLAB and js.
- Experience with SQL and NoSQL databases
- Experience with data visualization and reporting technologies.
- Teamwork abilities and organizational skills are essential

- Prior experience from the health care industry is a plus
- Experience from conducting clinical research is a plus
- Indirect or direct leadership experience is a plus

Qualifications Required for Position

- Education: a minimum of Bachelor's degree in Statistics, Operations Research, Mathematics, Physics, Computer Science, or Engineering, or in a related field, but a Master's degree is preferred
- Knowledge: at least 3 years of experience in Data Science or related fields, i.e. maths, statistics, big data and machine learning
- Verbal and written English proficiency
- Able to pass a background check

Work Environment

- The position is office based in Stockholm, Sweden
- Some domestic and international travel is required

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