



## DATA SCIENTIST

**Sqilline** is a software company that expertise in **Healthcare Big Data Technology, Machine Learning Algorithms and AI.**

We have developed an **Analytics Healthcare Platform for Real-World Data.**

**Danny Platform** is able to evaluate massive amounts of real-world data from multiple sources (EHRs, registries, labs, etc.) in the oncology and cardiology fields. The software provides comprehensive searches, in-depth analyses, predictions and treatment solutions to physicians, researchers and payers.

Sqilline's data analytics capabilities enable hospitals, pharmaceutical companies and reimbursement agencies to gain insight into real-world evidence of patient care, particularly in this era of value-based care.

We are a leading SAP Partner in the areas of Precision Medicine, Life Science and Healthcare.

The company is looking for a candidate to fill up the **Data Scientist position.** As a member of our company, you will be part of a small, agile and innovation-driven team, working with current healthcare technologies.

### **Data Scientist Qualifications include:**

- Expert knowledge of programming languages python and/or R. Knowledge of Java is a plus.
- Strong background in multivariate statistics, multivariable calculus, linear algebra

- Experience with processing large amounts of structured and unstructured data of heterogeneous sources (data collection, normalization, missing data imputation, etc.) and exploratory analyses
- Knowledge of machine learning algorithms (regression-based models, random forests, Naïve Bayes, LSTMs, CNNs, etc.) and techniques (regularization, hyperparameter tuning, etc.)
- Experience with programming frameworks for machine learning/deep learning (scikit-learn, tensorflow, keras, etc.)
- Experience with cloud services (Google Cloud, AWS, or Azure)
- Experience with data visualization tools/packages (Tableau, Spotfire, etc.)
- Experience in working with big data tools/platforms (Hadoop, Spark, etc.)
- Knowledge of SAP HANA and/or natural language processing are pluses
- Highly proficient, fluent in spoken and written English

### **Education/Experience**

- Degree in statistics, mathematics, computer science, engineering, economics, and/or other quantitative fields. MS or advanced degree preferred.
- 2+ years of practical experience in data science/data mining/statistical analyses.
- Experience in working with clinical/healthcare data and clinical analyses, or prior experience in the pharmaceutical/healthcare industry is a plus
- Excellent interpersonal and communication skills and have worked in multi-disciplinary teams
- Strong problem-solving skills

### **Responsibilities**

- Identify anomalies and data quality issues
- Build and improve pipelines for data extraction, normalization, and other preprocessing methods to ensure high quality of processed data
- Perform exploratory data analyses and identify patterns/trends to gain better understanding of clinical data
- Develop machine learning predictive models
- Document and present findings on data analyses and results
- Build data/analytics tools with the software development team for production

## **We offer**

- Challenging work in a dynamic organization
- Full time position
- Attractive remuneration package
- Friendly and supportive team environment
- Social Package

If you are interested in the position, please contact us at:

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[www.sqilline.com](http://www.sqilline.com)