



## 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.** We are looking for the one to help us develop and manage our data science initiatives within Danny Platform and across a variety of scientific projects that we collaborate on.

As a Data Scientist, you will work as part of the data scientist team and will communicate also with administrators, data analysts, data engineers and data architects. You will also communicate with other IT personnel, software developers, sales, and management.

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 heterogenous 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.
- 3+ 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)