



## HEAD MACHINE LEARNING ENGINEER

**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 **Head Machine Learning Engineer** position. We are looking for the one to help us develop strong Machine Learning system and work on data science initiatives within Danny Platform and across a variety of scientific projects that we collaborate on.

As a member of our company, you will be part of a small, agile, and innovation-driven team, working with current healthcare technologies.

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

Acting as a bridge your focus will be statistical and model-building work and construction of machine learning and AI system.

Your role needs to assess, analyze, and organize large amounts of data, while also executing tests and optimizing machine learning models and algorithms.

### **Head Machine Learning Engineer Qualifications include:**

- Advanced math and statistics skills, covering subjects such as linear algebra, calculus and Bayesian statistics
- Extensive experience in data science
- Experience working with ML frameworks, libraries and packages
- Software engineering skills and knowledge in programming languages like Python, Java, C++, C, R and JavaScript
- Strong analytical, problem-solving and teamwork skills

### **Education/Experience**

- Degree in statistics, mathematics, computer science, engineering and/or other related fields. MS or advanced degree preferred
- 4+ years of practical experience in ML/data science/data mining/statistical analyses
- 2+ years of project management experience
- 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 experience working in multi-disciplinary teams
- Strong problem-solving skills

### **Responsibilities**

- Lead a team of data scientists and medical advisors
- Design and help develop core NLP and ML functionalities
- Research, designing and developing machine learning and deep learning systems to automate predictive models
- Be accountable for projects deliveries
- Close work with customers on requirements, project definitions, project changes and deliveries

- Organize department resource planning
- Manage the flow of day-to-day operations
- Implementing appropriate ML algorithms
- Selecting appropriate data sets
- Picking appropriate data representation methods
- Identifying differences in data distribution that affects model performance
- Transforming and converting data science prototypes

### **We offer**

- Challenging work in a dynamic organization
- Full time position/ Remote work available
- 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)