

Data Scientist

Genetika+ is a world-changing, award-winning biotech start-up based in Tel Aviv. We are working with cutting edge technologies to create a new unique tool in the treatment of Major Depression. Join us in our mission to help patients all over the world and make a real impact on the lives of millions of people.

We are searching for a rock-star Data Scientist to join our expanding data science team. The Data Scientist will develop, customize and apply new and existing algorithms to improve medical and biological biomarkers associated with drug response. They will have the extraordinary opportunity to make their mark on a state-of-the-art software that will be part of a precision medicine product, solving a meaningful problem challenging people all over the world.

Principal duties and responsibilities:

- Advance key elements of our data science program
- Analyze and develop predictive modeling using heterogeneous data, mainly Electronic Medical Records
- Develop and utilize algorithms using heterogeneous data, supervised and unsupervised classification machine learning models
- Process heterogeneous data, including EMR, imaging, NGS and real-world-data
- Automate integration of ML models and different data sources
- Write and maintain scripts for processing big data from public and proprietary clinical trials
- Be part of infrastructure design, implementation and maintenance, including ETL pipelines over cloud (AWS)

Qualifications & experience:

- M.Sc. or Ph.D. in mathematics, computer science, data science, bioinformatics or another related field
- B.Sc. with relevant experience will also be considered
- Demonstrated experience in medical and/or biomedical data analytics and graphical presentation, machine learning and deep learning algorithm development/utilization
- Proficiency in SQL (preferably PostgreSQL / MySQL)
- Prior programming experience with R and/or Python
- Demonstrated experience with Natural Language Processing (NLP) - advantage
- Good understanding of medical data
- Good interdisciplinary communication skills
- Superb written and oral communication skills in English
- Attention to detail

*Please send your CV and a paragraph on your relevant experience
(Role: Data Scientist) to hire@genetikaplus.com*
