



DATA SCIENTIST

Type: Part-time or full-time

Start Date: ASAP

Comp & Benefits: Competitive

Decode Health and IQuity Labs team members have worked together for more than a decade on projects leveraging AI to deliver on the power of genomic data.

OVERVIEW & PURPOSE

The data ops team is in charge of providing meaningful insights to our clients by performing complex analysis on healthcare data sets in genomics and chronic disease. As a Data Scientist on the team, you will develop models and tools to refine our analyses and better serve our clients.

KEY RESPONSIBILITIES AND ACCOUNTABILITIES

This position involves these areas of responsibility:

- Analyze and enhance existing models / data pipelines and create new models, according to our client's requirements.
- Use analytical and statistical methods, programming and data modeling to analyze large amounts of data (including claims, EMR, and genomic sequences) and come up with actionable insights
- Collaborate within the Data Ops team, mentoring and sharing best practices with more junior members of the team
- Documents projects via Jira and Confluence, including business objectives, data gathering and processes, leading approaches, final algorithm, and detailed set of results and analytical metrics
- Have end to end ownership from understanding requirements, exploration of different modeling options, model iteration and implementation, and documentation/ presentation of results and recommendations (to technical and non-technical audiences).

Essential Criteria

- Degree in Computational Biology, Statistics, Applied Math, or relevant qualifications
- 5+ years in Analytics/Development or Statistics working in the analytics field or PHD in these fields
- 2+ years experience proficient hands-on coding in python for data science related projects
- Experience in querying (via SQL) and manipulating raw datasets for analysis
- Experience with R visualization tools
- Deep knowledge of probability, statistical and machine learning models with proven track record in choosing, modifying and applying advanced algorithms to address practical problems



Person Specification

- Proven experience in running E2E analyses from ideas to solutions including the design, execution, analysis and conclusions of your analysis, methodologies, and recommendations.
- Self-motivated, with ability to translate business objectives into actionable analysis
- Perseveres and drives issues and projects to completion
- Strong problem-solving skills
- Attention to detail
- Good communication skills, especially explaining technical concepts to both technical and non-technical audiences
- Team oriented
- Enjoy learning new technologies and leveraging them
- Potential to work within larger team very quickly, potentially manage junior resources, and lead technical efforts