

Job Description

Taproot Health Inc. is expanding its team of passionate innovators whose main objective is to accelerate the availability of novel cancer testing and treatments. We are focused on creating clinical partnerships that share the same commitment to generating regulatory-grade data for research. We work collaboratively from the inside to outside of our organization; creating an environment of shared thinking and a team approach to delivering all projects. We are seeking a Senior Vice President of Data Engineering who is laser focused on accelerating cancer research.

The Senior Vice President of Data Engineering will help build and lead the technical direction of its data pipelines. Taproot Health is leading the front on collecting high quality complex data that can be analyzed and learned from to accelerate cancer testing and treatments. This role presents significant growth opportunities and advancements. The person who ends up in this role will be an essential key player in the upper management staff of this data-focused company. The VP of Data Engineering will have decision making power over the entire data architecture and will be expected to hire a diverse team of individuals that can accomplish the key objectives of the company.

Responsibilities

- Set the vision and strategy for data/data science with a focus on creating clinical research value
- Provide vital business intelligence that drive resourcing and product strategy decisions
- Integrate data collection, data quality, and core model output into production; apply data mining techniques to uncover actionable business insights
- Ensure and improve data integrity, data accuracy, data governance, and data quality
- Grow a data engineering team capable of building a scalable data infrastructure
- Establish best practices for big-data technologies, tools, and own processes related to model section, accuracy, and efficiency
- Identify new data sources
- Collaborate with all teams to find growth levers and optimization opportunities
- Offer actionable business recommendations based on empirical data and external factors
- Collaborate with engineering, product and finance to provide informed, data-backed insights that drive clinical value and improve clinician and researcher experience



Sr VP of Data Engineering

Requirements

- 10+ years of experience in object-oriented programming, experience in any language
- PhD in Computer Science, Medical Informatics and/or Software Engineering
- Experience in data mining and machine learning tools, pipeline workflows for modeling, tuning, logging and deployment to end users and languages including MySQL, Python, R, etc.
- Ability to apply statistical modeling and algorithmic tools to solve business problems
- Understanding of SQL, asking and answering questions of large datasets across a variety of systems and platforms, such as relational and non-relational databases and cloud-based object storage services
- Experience in cross-functional organizations where your team collaborates and integrates with other teams across the organization
- Have strong technical domain know-how to coach and grow the team
- Familiarity with bringing data science tools into production
- Knowledge in Healthcare Level 7 (HL7)

Pay: Competitive Salary, Benefits, Incentives

Job Type: Full-time

Location: Salt Lake City, UT

Start Date: Q4 2020

Applicants must be currently authorized to work in the United States on a full-time basis now and in the future

This is an equal opportunity position and Taproot Health encourages all qualified applicants of diverse backgrounds to apply. Taproot Health does not discriminate on race, ethnicity, age, religion, sexual orientation, gender identity, socio-economic background, military veterans, people with disabilities, and/or pregnant women, women and/or men with children.