



About Us: Quadrant Biosciences is a biotechnology company developing novel functional assessments and epigenetic biomarker technologies for neurological conditions including concussion, autism spectrum disorder, and Parkinson's disease. We collaborate with academic institutions, medical researchers, and engineers to translate breakthrough findings into clinically useful and scientifically sound assessments. The research group is composed of teams of clinical researchers, laboratory scientists, bioinformaticists, biomedical engineers, and data scientists. Advancements developed by Quadrant Biosciences have a significant impact on clinical practice and diagnosis of neurological conditions. Our technology focuses on human and microbial gene activity using next-generation RNA-sequencing and machine learning for biomarker discovery.

Position Offered: Data Engineer. The focus of this position is to work with analysts and software developers to **improve processing workflows and standards for large and diverse datasets.** The successful candidate will contribute to the development of Quadrant Biosciences core data ecosystem to improve practices, infrastructure and services. Primary duties include increasing efficiency through tooling, automation, and refining data management operations.. In addition, responsibilities will include support of clinical data collection to ensure data is usable, and managed according to best practices.

We are seeking a highly motivated individual to grow as the team expands, and to tackle new challenges as they arise. This is an opportunity to produce meaningful, impactful, and reproducible research. As better data leads to better insights, the **Data Engineer** will play a critical role at Quadrant Biosciences.

Education: BS or MS in computers science, bioinformatics, engineering, or related fields

Requirements:

- Flexible approach to solving problems
- Open and thoughtful in working with a multi-discipline team
- Experience in developing data pipelines
- Experience with git and versioning workflows
- Python experience required, SQL & R preferred
- Experience with Bash, Linux CLI
- Experience in AWS tools related to big data and machine learning preferred
- Experience handling PHI and ensuring HIPAA compliance

Contact: Please send cover letter and resume to careers@quadrantbiosciences.com