POSITION TITLE

Data Scientist, Coriell Life Sciences, Philadelphia, PA

COMPANY DESCRIPTION

Coriell Life Sciences (CLS) began as a spin-off of the storied Coriell Institute for Medical Research, a non-profit biomedical research institution dedicated to the study of the human genome since its founding in 1953. In 2007, the Coriell Institute for Medical Research launched the Coriell Personalized Medicine Collaborative (CPMC), a research study seeking to understand the value of genetic risk and pharmacogenomics in clinical decision-making and healthcare management. The results of the CPMC study catalyzed the origin of Coriell Life Sciences in 2013 at the threshold of the precision medicine movement.

The Power In Knowing™ How to Improve Lives Through Precision Medicine
Headquartered in the historic and innovation-centric Philadelphia Navy Yard, Coriell Life Sciences is a precision medicine company using genetic science and research to improve lives, reduce healthcare costs, and simplify decision-making for our customers throughout the United States and around the world.

CLS delivers the power in knowing by helping employers and payer organizations incorporate genetic science into their benefits plans to improve member health, gain population insights, and reduce healthcare costs.
CLS also delivers actionable interpretation and reporting informed by genetic testing, demographic data, lifestyle factors, and real-time modeling. Our approach empowers healthcare providers, pharmacists, laboratories, and participants to embrace personalized knowledge for more effective medical care.

POSITION DESCRIPTION

Coriell Life Sciences (CLS) is seeking an enterprising Data Scientist to join our scientific and clinical team and contribute to cutting-edge initiatives focused on empowering our customers to apply genetic analysis at point-of-care. The Data Scientist will be responsible to direct and manage population health research and customer programs as well as contribute to product development activities in conjunction with CLS's strategic initiatives. This individual will be responsible for managing the full data lifecycle from acquisition to actionable outcomes and provide leadership and collaboration across clinical science, research, product development, sales and marketing.

The ideal candidate will apply their healthcare knowledge, statistical acumen, critical thinking, and problem-solving abilities to develop and deliver unique solutions to support CLS's pharmacogenomic, translational, diagnostic, and marketing efforts to support the development, documentation, and execution of our programs and will report directly to the Chief Science Officer.

KEY RELATIONSHIPS

- Reports to Chief Science Officer

IDEAL CANDIDATE PROFILE

- Experience as a Data Scientist or Data Analyst in a healthcare-related field. Health Plan experience is a plus.
- Ability to identify and build a business case from the data to support new customer acquisition.
- Demonstrated experience with data visualization, advanced statistical analysis, data exploring algorithms, data visualization techniques, and Big Data ETL processes
- Technical expertise with data management, analytical tools, languages and libraries including SQL, R, Python, SAS, and MATLAB; familiarity using business intelligence tools (e.g., Tableau), data frameworks, and Scala, Java 8, or C# is an asset
- History of communicating and publishing results
- Skilled at effective time management; committed to meeting well-defined business objectives and deadlines
- Excellent written and verbal communication skills, including ability to speak publicly and at industry events; must be an effective communicator both to customers and employees at all levels of the organization.

IDEAL EDUCATION

- Master's degree preferred

KEY COMPETENCIES

- **Energy:** Exhibits energy, a strong desire to achieve, and a high level of dedication and motivation.
- **Detail oriented:** Is a strong collaborator who is organized and can develop plans that drive results and accountability.
- **Strategic Skills:** Thinks critically and problem solves.
- **Excellence:** Sets high stretch standards of performance for self. Has a low tolerance for mediocrity and a high sense of responsibility.
- **Resourcefulness/Initiative:** Passionately finds ways over, around, or through barriers to success. Achieves results despite lack of resources. Goes beyond the call of duty. Shows bias for action. Is a results-oriented "doer."
- **Customer Focus:** Monitors client satisfaction (internal or external). Establishes partner relationship with clients. Visible and accessible to clients.