The Journey Begins with you.

There’s quite a distance between wondering and knowing. And for patients waiting for answers to important health questions, it’s a road they want to travel as quickly as possible.

At Quest Diagnostics Incorporated, we understand urgency. But more than speed, we focus our energies on accuracy. Currently, we seek a Data Scientist.

Responsibilities

This position will support the franchises by using internal Quest Diagnostics data and externally purchased market data to inform key business decisions. The main purpose of this role is to turn data into insights that drive key decisions for the organization and our clients.

Duties and Responsibilities:

1) Provide biostatistical consultation to clients and colleagues.

2) Analyze archival data such as laboratory, medical, prescription, and death records.

3) Read current literature, attend meetings or conferences, and talk with colleagues to keep abreast of methodological or conceptual developments in fields such as actuarial sciences, data science, biostatistics, risk management, pharmacology, life sciences, and social sciences.

4) Prepare articles for publication or presentation at professional conferences.

5) Calculate sample size requirements for studies.

6) Write program code to analyze data and develop predictive models using SAS statistical analysis software.

7) Write detailed analysis plans and descriptions of analyses and findings for research protocols or reports.

8) Prepare tables and graphs to present data or results.

9) Draw conclusions or make predictions based on data summaries or statistical analyses.

10) Develop or implement data analysis and reporting algorithms.
11) Design research studies in collaboration with physicians, life scientists, underwriters, or other professionals.

12) Analyze data using statistical approaches such as longitudinal analysis, mixed effect modeling, logistic regression analyses proportional hazards regression, and other model building techniques.

Skills Needed:

1) Statistics/Mathematics -- Using advanced statistics and mathematics to solve problems and develop models.

2) Critical Thinking -- Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems.

3) Complex Problem Solving -- Identifying complex problems and reviewing related information to develop and evaluate options and implement solutions.

4) Judgment and Decision Making -- Considering the relative costs and benefits of potential actions to choose the most appropriate one.

5) Science -- Using scientific rules and methods to solve problems.

6) Writing -- Communicating effectively in writing as appropriate for the needs of the audience.

7) Reading Comprehension -- Understanding written sentences and paragraphs in work related documents.

8) Active Listening -- Giving full attention to what other people are saying, taking time to understand the points being made, asking questions as appropriate, and not interrupting at inappropriate times.

9) Active Learning -- Understanding the implications of new information for both current and future problem-solving and decision-making.

10) Speaking -- Talking to others to convey information effectively, including in the context of formal industry presentations.

11) Programming -- Writing SAS statistical and other computer programs for various purposes.

12) Learning Strategies -- Selecting and using largely self-directed training/instructional methods and procedures appropriate for the situation when learning or teaching new things.

Qualifications:

1) Bachelor’s degree in Actuarial Sciences, Biostatistics, Mathematics, Risk Management, Data Science or other closely related field. Experience and demonstrable success will be considered in place of education.

2) Master’s degree in Actuarial Sciences, Biostatistics, or Data Science preferred.

3) Experience working with datasets in the life insurance and/or health care industries. Experience with SAS strongly preferred. Experience with other statistical languages such as R and Python will be considered.
4) Statistics/Mathematics -- Knowledge of arithmetic, algebra, geometry, calculus, statistics, and their applications.

5) English Language -- Knowledge of the structure and content of the English language including the meaning and spelling of words, rules of composition, and grammar.

How To Apply
Employees must upload or send to the Recruiter a completed Request For Transfer (RFT) and the employee’s most recent Performance Development & Review (PDR).

Closing Statement
Quest Diagnostics has many career opportunities for individuals whose talent, initiative and dedication will complement our belief that the patient comes first and that values do matter. We work to earn our customers’ trust every day by providing the highest quality diagnostic information services in a professional, accessible and informative way. Our workforce is diverse and talented and believes in our vision: “Empowering Better Health with Diagnostic Insights.”

All requirements are subject to possible modifications to reasonably accommodate individuals with disabilities.

Quest Diagnostics is an Equal Opportunity Employer (EEO).