Position Overview: Data Scientist

Press Ganey - a mission driven healthcare data and services company - is looking for energetic, creative and curious data scientists to join its Analytics & Research team! We have multiple openings for data geeks (statisticians, data scientists, economists, etc.) interested in producing novel – and impactful - data-driven insights from our database of over 1 billion patient experience and employee engagement results, representing over 20 thousand healthcare facilities. Positions are available for our Boston, Chicago and Baltimore offices.

You will be a business partner to internal and external stakeholders, for data-analytic deliverables (including R&D) that require programming, data analysis and statistical expertise. You will work with multiple databases, to develop data assets for research, analysis and modeling; producing analytic deliverables, including data analysis, advanced statistical analyses (e.g. regression-type models and data mining methods), report writing, and visualization (e.g. reports, dashboards, info-graphics). Additional responsibilities include, ad-hoc analytic support, helping to further develop our “big data” infrastructure (data warehouse, ODS, SQL Server, Hadoop) and prototyping novel analytic and data solutions.

Duties & Responsibilities:
• Function as technical lead, in collaboration with other business partners serving the analytic client, to develop deliverables requirements
  ◦ Independently write programs in appropriate language (e.g. SAS, SPSS, R, SQL), to develop data (sets), from multiple databases, needed to support deliverables
  ◦ Independently produce analysis (e.g. basic data analysis, statistical test, statistical modeling) or analytics (e.g. a dashboard), with appropriate tools (e.g. Excel, SAS, R, Python, Tableau) and programs
  ◦ Document work
• Produce written reports, for internal constituents, which summarize analytic deliverable; including methods, interpretations, and business implications
• Provide ad-hoc analytic support to internal clients (e.g. sales, account management, advisory services, product management, and consulting), including answering data and methodology questions, interpretation of results and
• Stay abreast of contemporary analytics, such as big data technologies (e.g. Azure, AWS, Hadoop, OLAP tools), analytic technologies (e.g. SAS, R, Python, Tableau, etc.), and statistical (including data-mining) methods
• In collaboration with business partners (e.g. Knowledge Management, Engineering, Product Management, and Custom Reporting), develop prototypes of scalable, novel analytic solutions that address important business questions
• Develop and prototype novel data sets that integrate existing PG or external data, for the purpose of developing novel analytic solutions
• Stay abreast of healthcare industry issues affecting PG clients (e.g. value based reimbursement programs, meaningful use, “Population Health”)
• Develop internal network of colleagues, and a corresponding reputation for collaboration, that removes barriers to analytic production and enables problem solving

Qualifications (minimum):
• Intermediate to advanced proficiency with SQL, SAS, R, STATA or other high level data programming language
• Basic proficiency with Python, PHP, Perl, VB, JavaScript, C++ or other programming language
• Formal training or extensive applied experience with advanced statistical methods such as regression-type modeling, data-mining methods (e.g. classification trees)
• Proficiency with data visualization
• 2+ years developing data that merges relational tables, either within a relational database or related “big data” environments (e.g. SQL Server, Hadoop)
• 2+ years of data and statistical analysis
• 1-2 years project management experience, including demonstrated success with cross-functional collaboration
• 1-2 years implementing novel analytics with minimal supervision

Minimum Education:
• Bachelors or Masters in Mathematics, Engineering, Economics, or other quantitative discipline.

All positions at Press Ganey require an applicant who has accepted an offer to undergo a background check. The specific checks are based on the nature of the position. Background checks may include some or all of the following: SSN/SIN validation, education verification, employment verification, criminal check, search against global sanctions and government watch lists, fingerprint verification, credit check, and/or drug test. By applying for a position with Press Ganey, you understand that you will be required to undergo a background check should you be made an offer. You also understand that the offer is contingent upon successful completion of the background check and results consistent with Press Ganey’s employment policies. You will be notified during the hiring process which checks are required for the position.

For more information about Press Ganey, visit our web site at pressganey.com.

Press Ganey is committed to a diverse workforce and is an Equal Opportunity/Affirmative Action employer (Minorities/Women/Veterans/Disabled).

About Press Ganey

Celebrating 30 years of experience, Press Ganey is recognized as a pioneer and thought leader in patient experience measurement and performance improvement solutions. Our mission is to help health care organizations reduce patient suffering and improve clinical quality, safety and the patient experience. As of January 1, 2015, we served more than 22,000 health care facilities, including 62% of U.S. acute care hospitals, 81% of U.S. acute care hospitals with more than 100 beds and 73% of U.S. medical practices with more than 50 physicians.

Headquartered in South Bend, Indiana, with offices in Baltimore, Charlotte, Chicago, Kansas City and Wakefield, Press Ganey serves clients nationwide with locally based teams of associates to ensure strong client connections and relationships. As a result, Press Ganey is acutely aware of the challenges and opportunities unique to specific providers and their communities. Our associates are professionals, deeply rooted in health care and strongly committed to our clients’ success.

Whether it’s the hospital, medical practice, ambulatory or home care setting, we partner with clients to create and sustain a high-performance environment to ultimately improve the patient experience. Our comprehensive suite of health care solutions helps clients meet their goals of improved quality, better care and lower costs.

Press Ganey provides both ongoing advisory services and consulting in all phases of performance improvement. Our patient experience advisors are uniquely trained and skilled to identify areas of opportunity and help clients implement targeted improvement plans. Our consultants, whose health
care experience is a true differentiator, work in partnership with organizations to identify and implement best practices across their operations.

Simply put, we are vested in our clients’ success, and dedicated to helping them understand and improve every dimension of the patient experience.