Data Analyst/Statistician (Contract Project Work)

Company Overview: SEA Healthcare is a health services research and quality improvement consulting firm specializing in value-based healthcare transformation. We collaborate with healthcare organizations, medical societies, and state and federal agencies to develop evidence-based quality measures, conduct health services research, and implement data-driven solutions for improved patient outcomes.

Position: Data Analyst/Statistician

Role Summary: As a Data Analyst/Statistician at SEA Healthcare, you will play a crucial role in supporting our projects by providing data analysis, statistical expertise, and insights to drive evidence-based decision-making. You will work closely with our project teams, research staff, and subject matter experts to analyze complex healthcare data, derive meaningful insights, and contribute to the development of quality measures and improvement initiatives. This is a contract position, and you will work as a 1099 contractor, allowing you to work remotely and maintain flexibility in your schedule while contributing to impactful healthcare projects. The maximum estimated hours per month will be 20.

Responsibilities

- Collaborate with project teams to define data analysis objectives and research questions.

- Acquire, clean, and preprocess raw data from various sources to ensure data integrity and accuracy.

- Apply statistical techniques and methods to analyze healthcare data, including claims data, electronic health records (EHRs), and clinical data registries.

- Develop and implement data analysis plans and statistical models for evaluating the effectiveness of quality improvement initiatives and interventions.

- Conduct hypothesis testing, regression analysis, and other statistical procedures to identify trends, patterns, and correlations in healthcare data.

- Present analytical findings through clear and visually appealing reports, charts, and dashboards for internal and external stakeholders.

- Collaborate with researchers and subject matter experts to interpret and contextualize data analysis results in the healthcare domain.

- Assist in the development and validation of quality measures, ensuring compliance with regulatory requirements and industry standards.

- Participate in the design and implementation of data collection tools and surveys.

- Provide input on data collection methods and data quality improvement strategies.

- Stay abreast of industry trends, best practices, and advancements in data analysis and statistical methodologies.

- Contribute to the development of research publications, whitepapers, and technical documentation.

Qualifications

- Bachelor's or Master's degree in Statistics, Data Science, Applied Mathema tics, Epidemiology, or a related field or equivalent practical experience in a relevant applied setting.

- Proven experience in data analysis and statistical modeling, preferably in the healthcare domain.

- Proficiency in statistical software such as R, SAS, SPSS, Python, or other software and data visualization tools.

- Strong analytical skills and the ability to interpret complex data sets.

- Familiarity with healthcare data sources (claims data, EHRs, clinical data registries) is a plus.

- Excellent communication skills, both written and verbal, to convey technical findings to non-technical audiences.

- Detail-oriented and able to work independently as well as part of a team.

- Strong problem-solving and critical-thinking abilities.

- A passion for improving healthcare quality and patient outcomes through data-driven approaches.

Contractor Benefits

- Competitive compensation based on an agreed-upon hourly rate: $50-65/hour depending upon experience.

- Remote work opportunity, allowing for flexibility and work-life balance.

- Opportunities for professional development and continuous learning.

- Collaborative and innovative work environment.

- Contribution to meaningful projects that impact the healthcare industry.

Join us at SEA Healthcare and be part of a team that is committed to driving positive change in healthcare through data analysis and evidence-based strategies.

Data Analyst/Statistician Position:

To apply for the Data Analyst/Statistician position, please submit the following documents via email to: <u>rswaineng@swainengassociates.com</u>

1. A detailed CV/Resume outlining your statistical modeling expertise, data analysis skills, and educational background.

2. A letter of interest expressing your interest in data analysis, statistical methodologies, and your proficiency in statistical software.

3. Contact information for at least two professional references who can speak to your data analysis capabilities and problem-solving skills.

In addition to the documents, please answer the following questions in your letter of interest:

1. Describe your experience in statistical modeling, data analysis, and interpreting complex datasets.

2. Are you proficient in using statistical software such as R, Python, SPSS, or SAS? How have you used these tools to analyze data in previous projects?

3. Have you worked with healthcare-related datasets or electronic health records (EHR)? Provide examples of projects where you analyzed healthcare data.

4. How do you ensure the accuracy and reliability of statistical analyses and results?

5. Share an example of a project where you used data analysis to drive evidence-based decision-making and improve outcomes.

Please submit all application materials and responses to the questions to rswaineng@swainengassociates.com. Applications will be accepted until August 30, 2023. Only shortlisted candidates will be contacted for further evaluation.

Thank you for your interest in joining SEA Healthcare's dynamic team!