Research Assistant/Analyst (Remote, Part-Time, Contractor)

Company Overview: Swain Eng and Associates, L.L.C. (dba 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: Research Assistant/Analyst is a remote, part-time, contractor project-based position. In this role, you will play a crucial role in supporting various research projects and data analysis initiatives to drive evidence-based decision-making and enhance healthcare outcomes. Collaborating closely with our project teams, research staff, and subject matter experts, you will contribute to the development of quality measures, improvement initiatives, and health services research projects. 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 twenty.

Responsibilities

1. Data Collection and Analysis: Assist in gathering, organizing, and cleaning data from various sources, including electronic health records, claims databases, surveys, and other healthcare-related datasets. Conduct preliminary data analysis and support the interpretation of findings.

2. Literature Review: Conduct comprehensive literature reviews to gather relevant information on healthcare topics, quality measures, clinical practice guidelines, and best practices. Summarize findings and assist in developing evidence-based recommendations.

3. Quality Measure Development: Support the development and validation of quality measures by assisting in measure specifications, data extraction, and measure testing processes.

4. Research Documentation: Maintain accurate records of research activities, data sources, methodologies, and results. Prepare reports, charts, and visualizations to present research findings.

5. Project Coordination: Collaborate with other team members, stakeholders, and external partners or clients to coordinate research projects, timelines, and deliverables.

6. Statistical Analysis: Conduct statistical analyses using appropriate software (e.g., R, SAS, SPSS) to derive insights from healthcare data. Assist in interpreting statistical results.

7. Quality Improvement Support: Assist in the implementation and evaluation of quality improvement initiatives, including monitoring performance metrics and assessing the impact of interventions.

8. Health Services Research: Assist in conducting health services research studies, including data collection, analysis, and interpretation of results, to support evidence-based decision-making and improve healthcare outcomes.

9. Report Writing: Prepare concise and clear reports, summaries, and presentations for internal and external stakeholders.

10. Industry Trends: Stay abreast of industry trends, best practices, and advancements in data analysis and statistical methodologies.

11. Publications: Contribute to the development of research publications, whitepapers, and technical documentation.

Qualifications

- Bachelor's or Master's degree in Statistics, Data Science, Applied Mathematics, Epidemiology, Public Health, Population Health, or a related field.

- Proven experience in quantitative and qualitative research methodologies, data analysis, and statistical software.

- Strong attention to detail and ability to work with complex datasets.

- Proficiency in Microsoft Office Suite (Excel, Word, PowerPoint).

- Familiarity with statistical software packages (e.g., R, SAS, SPSS) is a plus.

- Prior experience in healthcare research or quality improvement is desirable.

- Familiarity with healthcare data sources (claims data, EHRs, clinical data

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

- Excellent communication skills, both written and verbal.

- Ability to work independently and remotely, managing time effectively to meet project deadlines.

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

Contractor Benefits

- Competitive compensation based on an agreed-upon hourly rate: $40-50/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.

How to Apply:

Submit the follow information via email to: rswaineng@swainengassociates.com

Research Analyst Position: To apply for the Research Analyst position, please submit the following documents:

1. A detailed CV/Resume outlining your research experience, data analysis skills, and educational background.

2. A letter of interest expressing your passion for research and your proficiency in statistical analysis and data interpretation.

3. Contact information for at least two professional references who can speak to your research expertise and collaboration abilities.

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

1. Describe your experience in conducting research studies, data analysis, and interpreting research findings.

2. Are you familiar with statistical software and data analysis tools such as SPSS, SAS, R, or Python? How have you utilized these tools in previous research projects?

3. Provide examples of projects where you contributed to the development and implementation of quality measures or health services research initiatives.

4. How do you ensure the accuracy and integrity of data during research and analysis?

5. Have you worked with healthcare-related datasets or electronic health records (EHR)? If so, describe your experience with handling healthcare data.

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!