Data Analyst - HigherEdJobs

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Stony Brook University

Data Analyst

Required Qualifications (as evidenced by an attached resume):
Bachelor's degree (foreign equivalent or higher) in Health Informatics, Healthcare Administration, Public Health, or a related discipline. Two (2) years of full-time experience performing informatics-related work. Experience using EMR systems and Microsoft Office Suite. Experience using Python, SQL, and data analytics tools.

Preferred Qualifications:
Master's degree (foreign equivalent or higher) in Health Informatics, Healthcare Administration, Public Health, or a related discipline. Experience using Smartsheet, SharePoint, and/or collaboration tools (Teams, Zoom).

Brief Description of Duties:
The Clinical Transformation Analyst leverages their expertise in health informatics and project coordination to collaborate with and support clinicians, nurses, informatics, and research professionals in designing, implementing, and optimizing clinical applications and workflows that enhance patient care and operational efficiency.

This role integrates health sciences, data analytics, and information systems to support clinical practice through improved documentation, AI process automation, and technology adoption. The analyst ensures all systems and workflows align with evidence-based best practices, regulatory standards, patient safety initiatives, and quality improvement goals. The candidate must have exceptional communication and interpersonal skills to engage effectively with clinical and non-clinical stakeholders.

Duties:

- Participate in clinical technology initiatives, ensuring proposed solutions align with operational and patient-care objectives.
- Support the adoption of evidence-based guidelines, data-driven decision tools, AI integrations, and automation technologies in daily clinical operations.
- Facilitate end-user training, readiness assessments, and knowledge transfer to promote successful implementation of new systems and processes.
- Use technology tools to conduct detailed patient assessments, identify care gaps, prioritize needs, and inform individualized care plans. Improve assessment of patient health and case-management needs to ensure timely and accurate identification of required services through these tools.
- Prepare post-implementation evaluations, including reports and lessons learned, to guide ongoing improvement efforts.
- Strengthen care-management processes by evaluating workflows, coordinating resources, and streamlining workflows to support comprehensive care.
- Perform workflow analysis and documentation using tools such as Visio to map current processes and create optimized future-state designs.
- Work with multidisciplinary teams, including clinicians, nurses, and informatics staff, to identify workflow gaps and design improvements that reflect real-world feedback and practice needs.
- Promote innovation and organizational transformation through clear communication and effective change-management practices; facilitate and participate in meetings as a change champion.
- Contribute to departmental growth by sharing technical expertise, maintaining professional development, and staying informed on emerging technologies.
- Distinguish between workflow, system, and training-related issues; escalate appropriately and follow up to ensure timely resolution.
- Assist with data analytics and visualization, leveraging SQL or Python, to support project prioritization and clinical decision-making.
- Other projects assigned.

Special Notes:
The Research Foundation of SUNY is a private educational corporation. Employment is subject to the Research Foundation policies and procedures, sponsor guidelines and the

availability of funding. FLSA Exempt position, not eligible for the overtime provisions of the FLSA. Minimum salary threshold must be met to maintain FLSA exemption.

****The incumbent must be willing to work and travel between the Westbury and Commack clinic locations. Occasional Evenings and Saturdays will be required.**

For this position, we are unable to sponsor candidates for work visas.

Resume/CV and cover letter should be included with the online application.

Stony Brook University is committed to excellence in diversity and the creation of an inclusive learning, and working environment. All qualified applicants will receive consideration for employment without regard to race, color, national origin, religion, sex, pregnancy, familial status, sexual orientation, gender identity or expression, age, disability, genetic information, veteran status and all other protected classes under federal or state laws.

If you need a disability-related accommodation, please call the university Office of Equity and Access (OEA) at or visit OEA.

In accordance with the Title II Crime Awareness and Security Act a copy of our crime statistics can be viewed here.

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The starting salary range (or hiring range) to be offered for this position is noted below, it represents SBU's good faith and reasonable estimate of the range of possible compensation at the time of posting.

Salary: $75,000-$90,000

To apply, visit https://stonybrooku.taleo.net/careersection/2/jobdetail.ftl?job=2504652&tz=GMT%2B00%3A00&tzname=UTC

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