Job Description

Job Title: Research Data Analyst-Associate  
Department: Institute for Public Health and Medicine

Job ID: 32399  
Percent Full Time: 100

Location: Chicago Campus  
Grade: EXS 6

Job Summary:

Research Data Analyst Associate utilizes multiple quantitative and qualitative datasets from a variety of sources and interprets results using various techniques, ranging from simple data aggregation via statistical analysis to complex data mining. Assists in the design, development and implementation of business solutions partnering with clients to identify analytical requirements. Compiles reports, charts, and tables based on established statistical methods. This particular role is the Northwestern Medicine Enterprise Data Warehouse (NMEDW). The Data Analyst Associate will work with physicians, researchers, and other data consumers to define requirements, formulate queries, validate results, and generate reports using Microsoft SQL Server Reporting Services.

Specific Responsibilities:

Strategic Planning

- Partners with clients to define requirements based on research objectives.

Administration

- Designs and prepares documentation for qualitative and quantitative data analysis.

Development

- Merges data from multiple sources in preparation for analysis.
- Interprets results of analyses for use in reports and presentations.

Performance

- Reviews data and Identifies quality issues
- Other duties as assigned.

Minimum Qualifications:
• Successful completion of a full 4-year course of study in an accredited college or university leading to a bachelor's or higher degree; OR appropriate combination of education and experience.
• Experience with the following:
  • Infrastructure: SQL/MySQL/Postgres
  • Programming Languages and Frameworks: SAS
  • Compliance: HIPAA, IRB
  • Analytical: critical thinking, data mining, data modeling, database design/ data structure, decision making, problem solving, Troubleshooting
  • Project: agile environment, Code documentation, collaboration and teamwork, organizational skills

**Minimum Competencies:** (Skills, knowledge, and abilities.)

• Expert Level SQL skills.
• Exceptional interpersonal skills, including the ability to establish and maintain effective relationships with physicians, management, staff, and other customers.
• Demonstrated customer service skills, including the ability to use appropriate judgment, independent thinking and creativity when resolving customer issues.
• Ability to effectively handle challenging situations.
• Ability to balance multiple priorities.
• Excellent verbal and written communication skills.
• Experience with medical data.
• Experience with Microsoft SQL Server Reporting Services tools is preferred, however other relevant experience will be considered.

As per Northwestern University policy, this position requires a criminal background check. Successful applicants will need to submit to a criminal background check prior to employment.

Northwestern University is an Equal Opportunity, Affirmative Action Employer of all protected classes, including veterans and individuals with disabilities. Women, racial and ethnic minorities, individuals with disabilities, and veterans are encouraged to apply. Hiring is contingent upon eligibility to work in the United States.