**Health Information Data Engineer**

**JOB DESCRIPTION**

**Summary/Objective**

The Health Information Data Engineer is responsible for using various methods to transform raw data into useful data systems. Overall, you’ll strive for efficiency by aligning data systems with business goals.

To succeed in this data engineering position, you should have strong analytical skills and the ability to combine data from different sources. Health Information Data engineer skills also include familiarity with several programming languages, healthcare data and knowledge of learning machine methods.

If you are detail-oriented, with excellent organizational skills and experience in this field, we’d like to hear from you.

**Essential Functions**

Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

1. Analyze and organize raw data
2. Build data systems and pipelines
3. Evaluate business needs and objectives
4. Interpret trends and patterns
5. Conduct complex data analysis and report on results
6. Prepare data for prescriptive and predictive modeling
7. Build algorithms and prototypes
8. Combine raw information from different sources
9. Explore ways to enhance data quality and reliability
10. Identify opportunities for data acquisition
11. Develop analytical tools and programs
12. Collaborate with data scientists and architects on several projects

**Competencies:**

1. Hands-on experience with SQL database design
2. Able to demonstrate proficiency in writing queries against databases including SQL Server, Postgres, and Redshift
3. Thorough understanding of relational and non-relational database design principles
4. Experience in AWS cloud environment
5. Understanding and experience working with healthcare data types such as HL7, CCD, etc is a plus
6. Previous experience as a data engineer or in a similar role
7. Technical expertise with data models, data mining, and segmentation techniques
8. Knowledge of programming languages (e.g. Java and Python)
9. Great numerical and analytical skills
10. Degree in Computer Science, IT, or similar field
11. Data engineering certification (e.g IBM Certified Data Engineer) is a plus
12. Analytical Approach to Problem Solving
13. Collaboration/teamwork skills
14. Organizational skills
15. Time management
16. Effective written and spoken communications

**Software**

MS office, SQL Server Management Studio, Postgres, Tableau

AWS or cloud experience

**Languages**

Microsoft T-SQL, PostgresSQL

**Physical Demands**

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job.

While performing the duties of this job, the employee is regularly required to talk or hear. The employee frequently is required to sit; stand; walk; use hands to finger, handle or feel; and reach with hands and arms. The employee is required to lift a maximum of 30 pounds.

**Position Type/Expected Hours of Work**

Flexibility in hours is allowed, but the employee must be available during the “core” work hours of 8:30 a.m. to 5 p.m. CST and must work 40 hours each week to maintain full-time status.

**Travel**

Occasional travel may be required in support of customers, primarily local and statewide.

**AAP/EEO Statement**

MyHealth expressly prohibits any form of unlawful employee harassment based on race, color, religion, gender, sexual orientation, national origin, age, genetic information, disability or veteran status.

**Other Duties**

This job description is not designed to cover or contain a comprehensive listing of activities, duties or responsibilities that are required of the employee for this job. Duties, responsibilities, and activities may change at any time with or without notice. The following are always expected:

                • Comply with employee handbook

                • Be prompt and on time

                • Communicate clearly

                • Treat others with respect

                • Maintain confidentiality where appropriate

                • Be honest and open with questions, concerns, and feedback for others