

Job Title:	Data Analyst	Reports To:	Deputy Director/Chief Informatics Officer
Location:	Chicago (Remote or Hybrid Position)	Travel Required:	
Level/Salary Range:		Level/Salary Range:	Exempt
HR Contact:	Claudria Hurt	Posting Date:	01/23/2022
External Posting URL:			

Applications Accepted By:

Email: careers@alliancechicago.org or Fax: 312.274.0069

Subject Line: Data Analyst

Job Description:

Position Overview:

Responsible for extracting information from the organization's enterprise data warehouse and related data systems, in support of the AllianceChicago Electronic Medical Record System Users, Research Network and Enterprise Analytics needs as well as in support of AllianceChicago members, stakeholders and User Community. Individual also supports reporting needs and queries for public health surveillance. The AllianceChicago enterprise data platform is hosted in Microsoft Azure in conjunction with a third-party data warehouse technology. The system is built on Microsoft SQL platform. Scope of work involves design, development, and implementation of SQL and other queries, using Microsoft SQL Server data tools, SASS, SSIS and other programs. The role is heavily focused on the development of normalized data marts, from multiple data sources, that feed multiple applications and tools for our clients.

The work supports BI presentation specialists working on Power BI (Power BI is a business analytics service by Microsoft. It aims to provide interactive visualizations and business intelligence capabilities with an interface simple enough for end users to create their own reports and dashboards), and creating custom dashboards, within the Health Catalyst platform, to support custom requests from our external customers. The position contributes to the design, build, testing, and maintenance of the ACRES data warehouse and assist in system implementation of Data operating system (Health Catalyst).

Abbreviations:

- SQL - Structured Query Language, programming language to extract, transform and maintain data in the database/data warehouse
- SSMS - Microsoft tool to maintain database and compile SQL programs
- SSIS - Microsoft tool to create data packages to maintain data flow and perform automation of extract, transform and load, SSIS is a platform for data integration and workflow applications. It features a data warehousing tool used for data extraction, transformation, and loading [ETL]. The tool may also be used to automate maintenance of SQL Server databases and updates to multidimensional data
- SSAS - A multidimensional analysis Microsoft tool that features Online Analytical Processing, powerful data mining capabilities, and deeper dimensions to business information within a relational database

Essential Duties:

- Design, create, document, implement, test and maintain complex queries and ETL (extract, transform and loading) procedures. Write complex stored procedure in SQL to extract and maintain patient data
- Create deliverable data reports/visualization (Power BI, SSRS) based on the research needs
- Guide the Alliance Team and Stakeholders to define reporting needs based on user requirements
- Develop, implement, and schedule ETL jobs for data warehouse, create scripts in python, C# to transform and maintain data flow between multiple systems
- Contribute to the design, expansion and maintenance of the data warehouse, assist in the system implementation of Data operating system (Health Catalyst),
- Produce ad-hoc inquires/reports to meet research and quality initiatives

- Provide user training and support related to quality reports and data
- Maintain and administer data warehouse and data marts
- Support identification of and develop solutions to data quality issues
- Resolve data issues with current reports.
- Support:
 - Development of Scopes of Work related to data reporting
 - Creating solutions to client needs
 - Proposing new products and services

Other Requirements:

- Flexibility and ability to work with individuals of diverse backgrounds and educational levels
- Ability to function in a collaborative and collegial environment as a team player.
- Ability to work in variety of settings
- Detail oriented; highly organized; ability to prioritize and set expectations
- Ability to generate trust and build alliances with coworkers
- Strong technical writing skills and written communications skills
- Familiarity with clinical data a plus

Education:

- Bachelor Level preparation in computer, mathematical, information sciences or equivalent training – Master Level Preferred

Experience/Years:

- Strong analytical skills and solid understanding of statistical concepts
- Ability to work independently to organize work in a manner that ensures accuracy and efficiency
- Experience with relational databases, data mining and statistical analytics
- 3+ years of experience with SQL Server 2016 or higher, Azure SQL including SQL Server Reporting Services and Master Data Management, ETL (SSIS, Azure Data Factory), Power BI and other reporting tools.
- Familiarity with other data, analytic and reporting tools

Working Conditions:

- General office setting, extensive telephone and desk work at computer terminal
- May be required to lift, carry, bend, reach and stand with parcels up to 25 lbs.
- Will work in a close multidisciplinary team environment
- May interface with clients in various settings

ORGANIZATIONAL OVERVIEW:

Founded by four partner Community Health Centers in 1997, AllianceChicago's three core areas of focus are Health Care Collaboration, Health Information Technology, and Health Research & Education. AllianceChicago supports the use of HIT to improve quality, efficiency, and access to services in a national network of community Safety Net health care organizations. The mission of AllianceChicago is to improve personal, community, and public health through innovative collaboration.

ADA Statement: The Americans with Disabilities Act prohibits discrimination and ensures equal opportunity for persons with disabilities in employment, state and local government services, public accommodations, commercial facilities, and transportation. It also mandates the establishment of TDD/telephone relay services.

EEO Statement: AllianceChicago believes that all applicants and employees are entitled to equal employment opportunities and maintains a policy of non-discrimination with respect to religion, color, sex, sexual orientation, national origin, age, veteran status, marital status, physical or mental disability, or any other legally protected class in accordance with applicable law, except where a bona fide occupational qualification exists. AllianceChicago will comply with all phases of employment including, but not limited to, hiring practices, transfers, promotions, benefits, discipline, and discharge.

Disclaimer: The above statements are intended to describe the general nature and level of work being performed by employees assigned to this position. They are not intended to be construed as an exhaustive list of all responsibilities, duties, and skills required of personnel as qualified.