

**Position:** DATA ARCHITECT

**Location:** 4 Metrotech, Brooklyn, NY

**Job Number:** 249269

**ORGANIZATIONAL PROFILE:** As part of the Mayor's Office of Operations, the Office of Health and Human Services is the City's go-to resource for harnessing digital tools and capabilities to improve the lives of low-income and vulnerable New Yorkers, with the policy, management and technical expertise to help produce better outcomes for residents.

The unit currently operates HHS Accelerator, Worker Connect, and ACCESS NYC.

HHS Accelerator is a transformational initiative to reengineer, simplify and speed the procurement process for City agencies and client and community based service organizations by implementing a series of policy reforms, restructuring of rules and regulations, centralizing portions of procurement oversights and building a web-based system to support these reforms to dramatically shift the City's procurement of health and human services.

Worker Connect, a data sharing technology that allows case workers to see real-time information about clients drawn from multiple City sources. Users only access information that they have been authorized to view based on their role and all applicable laws and regulations.

**JOB RESPONSIBILITIES:** The Office of Shared Services, Health and Human Services-Connect (HHS-Connect) is recruiting for one (1) Computer System Manager M-I to function as Data Architect who will:

- Work with internal and external stakeholders to understand their data and reporting needs, present them with various options and guide them to analytic solutions that best meets their needs.
- Develop, update and maintain the conceptual, logical and physical data models capable of supporting existing and future reporting needs.
- Perform data profiling of legacy and strategic data source systems to assess data quality and identify issues, inconsistencies and missing data.
- Define and build technical and data architectures within the City's integrated data platform (including data and dimensional modeling).
- Develop protocols and governance that promote data standards and data quality across multiple city agencies.
- Create and maintain excellent documentation including data dictionaries, source-to-target maps, and database policies and guidelines.

- Collaborate with the application developers, ETL team and database administrators to ensure database performance, integrity and security.
- Support the development of reports either via SQL queries and/or an enterprise reporting tool such as OBIEE.

**PREFERRED SKILLS AND/OR QUALIFICATIONS:**

- Commitment to the mission of advancing greater equality and opportunity.
- Demonstrable knowledge of Data Warehousing, ETL, Business Intelligence concepts.
- Hands-on experience with enterprise data warehouse implementations, integrating multiple legacy and strategic source systems.
- Understanding of complex SQL queries, inner and joins, and sub-queries.
- Analytical assistance and supervision, including quantitative and qualitative data analysis, the evaluation of best practices, and the identification and assessment of operational improvement opportunities at different agencies.
- Excellent analytical and communication skills.

**SALARY:** Commensurate with experience.

**TO APPLY:** Go to <https://a127-jobs.nyc.gov/> and type in the position and/or Job ID Number.

**THE CITY OF NEW YORK AND THE OFFICE OF THE MAYOR ARE EQUAL OPPORTUNITY EMPLOYERS  
NEW YORK CITY RESIDENCY IS REQUIRED WITHIN 90 DAYS OF APPOINTMENT**

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