

**Position:** Data Visualization Analyst

**Location:** NEW YORK, NY

**Job Number:** **232693**

**ORGANIZATIONAL PROFILE:** The NYC Department of Homeless Services seeks 1 Computer Systems Manager M1 to serve as a Data Visualization Analyst for the Homeless Outreach & Mobile Engagement Street Action Teams (HOME-STAT). The City has created HOME-STAT to better and more quickly respond to the street homelessness problem. This initiative partners existing homeless response and prevention programs with a series of new initiatives that have been designed to better identify, engage, and transition homeless New Yorkers to appropriate services and, ultimately, permanent housing. A critical component this multi-faceted program is street observation and data-gathering.

**JOB RESPONSIBILITIES:** Reporting to the HOME-STAT Director and the Mayor's Office of Operations, the Data Visualization Analyst will provide on-going analysis of HOME-STAT activities. The Data Visualization Analyst will support the operation of several workstreams by making complex data easy to understand. They will use modern, beautiful technology that helps the public see the impact of the work of New York City government and puts actionable tools in the hands of City workers and executives. One main workstream will be driving the creation of dashboards based on the activities of the canvassers. There are mostly routine daily and monthly dashboards, but there were also be select ad hoc data analysis and visualization. The Data Visualization Analyst may also support the case conferencing/case management structure to develop case management systems across multiple interagency stakeholders. The Data Visualization Analyst may also help develop and coordinate the nighttime quarterly counts. The Data Visualization Analyst will also support the Field Canvassers who will perform daily field work from Canal Street to 145th Street in Manhattan and specially selected areas in other boroughs to record data on the homeless street population for integration with other up-to-date data sources to provide a current matrix of street homelessness.

Responsibilities of the HOME-STAT Data Visualization Analyst will include, but are not limited to:

- Work with data from diverse sources including case management systems, 311 service requests, and other City, State, and Federal data feeds.
- Build web-based data visualizations including maps, interactive graphics, charts, and dashboards
- Use an agile, iterative development process
- Understand business and policy needs and help translate those needs to a technology solution
- Collaborate with design teams

- Provide analytical assistance and supervision to the HOME-STAT team, including quantitative and qualitative data analysis, the evaluation of best practices, and the identification and assessment of operational improvement opportunities at different agencies.
- Assist in quarterly count methodology or case conferencing structure dependent on skill set and interests.
- Provide project management assistance, including developing and maintaining project plans and other documents, managing and coordinating project elements, reviewing agency and interagency work products, and ensuring efficient progress on implementation.
- Will be responsible for managing several discrete projects to completion, several with interagency interaction and agency technology staff.
- Provide analytical assistance with mapping, quality assurance, data management, report writing and drafting, and other performance management and project management needs required by HOME-STAT.

**PREFERRED SKILLS AND/OR QUALIFICATIONS:**

- Preference will be given to candidates with Master's Degree;
- Front end web development: HTML, CSS, javascript (including libraries like d3);
- Web mapping (cartodb) and GIS;
- Google charts API;
- Familiarity with content management systems;
- Committed to rapid execution;
- Strategic and flexible;
- Experience working for City government and/or homelessness related organizations and entities;
- Experience delivering new business solutions or designs to meet the needs of multiple stakeholders;
- Ability to communicate in a clear and concise manner, both verbally and in writing;
- Knowledge of profiling data sources/systems and system design
- Understands how to synthesize data and information to improve organizational processes and performance;
- Highly professional demeanor;
- Experience with multi-agency initiatives

**SALARY:** Commensurate with experience.

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

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