Job Description

The Transportation Planning & Management Division seeks a Data Scientist to join our Strategic Planning Unit. The Strategic Planning Unit focuses on regional planning work, accessibility, and equity. The unit looks at data and conducts research to inform DOT programs. Through research studies, Strategic Planning provides recommendations to improve mobility for traditionally underserved communities. This includes people with disabilities, older adults, low-income and limited English proficient populations, and people of color.

Reporting to the Sr. Program Manager for Mobility Management, the Data Scientist will:

- Coordinate planning and research initiatives to further understand the needs of the communities mentioned above.
- Play a key role in the development and management of our Transportation Surveys, including survey design. Our Transportation Surveys are conducted to comprehend the travel habits, perspectives, and priorities of the communities mentioned above.
- Conduct research projects, analyzing qualitative and quantitative data to address questions about transportation equity, accessibility, and other questions posed by program leadership.
- Collect qualitative and quantitative data in support of evaluation and research efforts, including drafting data collection instruments and coordinating logistics for surveys, interviews, and focus groups.
- Produce literature reviews, synthesizing existing research from the academic literature and research organizations to advance equity efforts.
- Create data visualizations and presenting findings at internal and external meetings, as requested.

The selected candidate must have solid leadership skills and be able to build consensus and develop solutions for diverse stakeholders. The candidate must also have a good understanding of planning and project delivery within City government.

Qualification Requirements

To be appointed to Assignment Level I, candidates must have:
A master's degree from an accredited college or university with a specialization in an appropriate field of physical, biological, or environmental science or in public health.

To be appointed to Assignment Level II, candidates must have:
1. A doctorate degree from an accredited college or university with specialization in an appropriate field of physical, biological, environmental, or social science and one year of full-time experience in a responsible supervisory, administrative or research capacity in the appropriate field of specialization; or
2. A master's degree from an accredited college or university with specialization in an appropriate field of physical, biological, environmental, or social science and three years of responsible full-time research experience in the appropriate field of specialization; or
3. Education and/or experience which is equivalent to "1" or "2" above. However, all candidates must have at least a master's degree in an appropriate field of specialization and at least two years of experience described in "2" above. Two years as a City Research Scientist Level I can be substituted for the experience required in "1" and "2" above.

Preferred Skills

Ability to work effectively in a team structure, to complete tasks in a timely fashion, and manage multiple priorities simultaneously. Ability to express ideas effectively (written and oral) and to use analytical methods/tools effectively. Experienced in writing reports, technical memos, preparing and conducting presentations. Must be detail-oriented, well organized, and able to work well with a diverse group of people. Proficient in MS Word, Excel, Access, statistical software such as R, SPSS, and Arc GIS, PowerBI, or other...
**Additional Information**

Note: Less than 2 years City Service- New Hire Rate: $75,504; 2 or more years City service- Minimum Incumbent Rate: $86,830

**Residency Requirement**

New York City residency is generally required within 90 days of appointment. However, City Employees in certain titles who have worked for the City for 2 continuous years may also be eligible to reside in Nassau, Suffolk, Putnam, Westchester, Rockland, or Orange County. To determine if residency the requirements applies to you, please discuss with the agency representative at the time of interview.

**To Apply:**

All resumes are to be submitted electronically using one of the following methods:

Please go to [www.nyc.gov/careers](http://www.nyc.gov/careers) and search for Job ID #:

Current employees please log on into Employee Self Service at [www.nyc.gov/ess](http://www.nyc.gov/ess) and follow the Careers Link for JOB ID#:________________.

No phone calls, faxes or personal inquiries permitted.

Only applicants under consideration will be contacted.

Most public libraries have computers available for use.

**55-a Program**

This position is also open to qualified persons with a disability who are eligible for the 55-a Program. Please indicate at the top of your resume and cover letter that you would like to be considered for the position through the 55-a Program.

**Note:** New hires must reside in NYC for the first two years of employment. Appointments are subject to OMB approval.

For more information about DOT, visit us at: [www.nyc.gov/dot](http://www.nyc.gov/dot).

| Post Date: | 12/06/2022 | Post Until: | 12/20/2022 |

The City of New York is an Equal Opportunity Employer.