

Data Analyst

Overview: The Innovation Team is housed within the Mayor's Office, and is charged with providing ongoing innovation capacity to tackle major challenges in the city. The Innovation Team works with government and community stakeholders to deploy a range of strategies, including quantitative research, ethnographic study, and design based innovation to create fresh, bold solutions with speed and agility.

The Innovation Team is seeking a Data Analyst to drive data collection and analysis—a central aspect of the innovation team's work. The Data Analyst will contribute to the team by illuminating insights within data about systemic city problems which will be leveraged in future initiatives for maximum impact.

Mobile is one of nearly 20 cities around the world participating in Bloomberg Philanthropies' Innovation Teams program. The program aims to improve the capacity of City Halls to effectively design and implement new approaches that improve citizens' lives. Innovation teams function as in-house innovation consultants, moving from one mayoral priority to the next. This grant represents one of the largest private-sector commitments to social innovation in our nation's history.

The Role: In this role, you will apply data science to improve the lives of residents in Mobile. You will use qualitative and quantitative data, and work with a diverse team, to identify the root causes of complex social and economic issues, and develop new insights into these problems and how they impact residents. You will use these insights and collaborate with your team and stakeholders to design innovative, impactful solutions. You will develop metrics to track the city's progress and measure the impact of these newly developed solutions. As Data Analyst, you will also work alongside your team to develop materials that communicate your work to a diverse set of audiences.

About You: You believe in the power of cities—and city government—to dramatically improve people's lives. You have experience and a passion for applying data science to make organizations better. You are restless with the status quo. You are skilled in using statistical analysis tools, such as R, GIS, Python, or SQL. You have experience translating statistical insights into practical tools and recommendations. You have strong communication skills to present the results of rigorous analysis to a range of audiences. You have a track record of working on teams to solve big problems.

Responsibilities:

Analysis and Action

- Supporting and/or leading ongoing and new projects identified by the i-team;
- Conducting deep quantitative analysis to understand the strengths and weaknesses of datasets and identify the root causes of complex social and economic problems; and
- Leveraging research findings to develop practical solutions that improve the lives of residents.

Storytelling

- Engaging multiple stakeholders, constituencies, and/or agencies to gather and process data;
- Translating analysis and developing materials to successfully communicate research findings;
- Work with stakeholders to create useful and accurate data visualizations;
- Convey the meaning behind datasets to broad and varied audiences; and
- Translate highly technical data into universally understood illustrations, charts, and narrative.

Submission: Please send resumes to innovation@cityofmobile.org