



Data Fellowship Project 2024

New York University – Assessing Racial bias in traffic stops

Organisation and Team

New York University – Marron Institute of
Urban Management

Application Criteria

Essential:

- Experience with data management, wrangling, and analysis.
- Understanding of statistics and statistical testing methods.
- Effective data and code management skills.
- Effective communication skills.

Desirable:

- Familiarity with any flavor of SQL.
- Familiarity with data reporting tools: Tableau, Power BI, etc.
- Prior experience working with large complex datasets (cleaning, merging, modeling, aggregating)
- Familiarity with Python programming language.
- Familiarity with Python packages/libraries: Pandas, NumPy, SciPy, Matplotlib, Seaborn, etc.

Project Outline

The student will work alongside a team of faculty and research scholars at New York University as a summer Data for Justice Fellow and will be oriented to the project they are assigned to by a subject matter expert on our team and will be supervised by a staff data scientist.

The student will work on state-wide traffic stop data in Connecticut, that is maintained by our team.

The project will involve managing a large dataset, conducting analysis on that data, and visualizing results for presentations to key stakeholder groups. Connecticut recently passed legislation aimed at reducing racial bias in traffic stops. A key question is whether this legislation has had the intended effect. If interested, students may be introduced to additional projects and team members, to give them exposure to other justice issues and disciplines.

Tasks on the project will be customised to align with students skills.



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Practical Considerations

The workplace will be completely remote (but the work must be completed in the UK).

NYU retains all IP. Students will be required to sign an NDA (related to internal project meetings and meetings with stakeholders). We will ensure that students have work product that they are able to present as part of their student portfolio and are able to share findings with prior approvals.

Selection Method

Interviews on Zoom

Support and Training

Student will work alongside subject-matter experts and a staff data scientist.

The student will be integrated into a project team, including attending team meetings.

Supporting Information

Find out more about the Marron Institute here: <https://marroninstitute.nyu.edu/>