Data Fellowship Project 2025

Greater Manchester Combined Authority - Data Exploration and Statistical Analysis for HealthMod Policy Modelling in Greater Manchester

Organisation and Team

GMCA - Research - Population Health

Application Criteria

Essential:

- Knowledge and use of Microsoft Office applications (e.g., Excel, PowerPoint).
- Understanding of statistics and use of data, with an ability to undertake quantitative analysis.
- The ability to communicate technical concepts/outputs to non-technical audiences.

Desirable:

- Experience in the use of statistical software (e.g., R) for data analysis and presentation.
- An understanding of data from official and unofficial sources.

Project Outline

What is HealthMod? Policymakers' responses to economic challenges—such as climate policy, ageing populations, and technological change—directly impact health inequalities. Policy Modelling for Health (HealthMod) uses computer models to estimate how economic policies affect income, work, and pensions, and in turn, health outcomes. By engaging citizens, policymakers, and advocates, the project ensures models address key questions, inform real-world decisions, and remain inclusive across different population groups. How you could help: Support the HealthMod project by conducting background analysis and identifying relevant data sources to inform key policy modelling questions for Greater Manchester. Your work will involve reviewing existing datasets, summarising relevant statistics, and assessing the availability of data for modelling. This will provide valuable insights into the current state of health-related data in the region and help refine the scope of HealthMod's policy simulations.

- Victims' support services
- Violence against women and girls
- Domestic abuse
- Knife crime

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Practical Considerations

This is an 8-week internship and provides the flexibility of a hybrid format. To make the most of the experience, we hope you will be able to work from our city-centre office for at least some of the week (subject to space), but there is also the option to work from home. We would estimate 2/3 days in the office, though we are ultimately flexible.

Support and Training

You will be part of the population health area within the research team at GMCA. Although you will be directly supported by a lead analyst and principal researcher on a day-to-day basis, you will be part of a dynamic team of over 40 researchers working across a variety of policy areas and with expertise in a wide range of research methods and tools.

As part of our team, you will have the opportunity to engage with different colleagues and sub-teams of the research team, as well as other areas across GMCA. You will gain insights into working in research, data analysis, public policy, and local government throughout your internship.

There is also the possibility of receiving internal training to further develop your technical skills, depending on availability.

Selection Method

Interviews will be held in person or online (Microsoft Teams)

Supporting Information

Please apply with a CV and cover letter. Shortlisted applicants will be invited to an interview with a short task ahead of the interview (depending on the number of suitable candidates).

More information about the GMCA can be found here:
https://www.greatermanchester-ca.gov.uk/

More information about the research team can be found here:
https://www.greatermanchester-ca.gov.uk/what-we-do/research/

More information about HealthMod can be found here:
https://www.phiuk.org/policy-modelling-for-health