

Q-Step Summer Project 2017: Home Office

Ref: #21a UoMQStep 2017 Home Office Crime Analysis & Mapping

Team/Department: Home Office: Analysis and Insight

Address: 2 Marsham Street, London, SW1P 4DF

Provisional Title for Project: "Crime and Offender Analysis and Mapping"

100 word abstract of what the project would probably undertake, and any data to be used:

Analysis of recorded crime data, particularly matching of offences and victims data from different data sources, to understand timeliness in a holistic way across the Criminal Justice System. This will also involve analysing geo-location data, improving the crime mapping data currently available on www.police.uk.

Data sources:

The project involves creative thinking around the range of data sources available across the Home Office and in a number of other government departments and stakeholders (eg Office for National Statistics, Ministry of Justice, Public Health England).

Key data sources include:

- Crime Survey for England and Wales;
- Police National Computer;
- Police Recorded Crime and Police.uk
- Public Health England data

Key Words (up to 12): Administrative Data, Survey Data, Analytical Insight, Crime & Policing

Essential and desirable skills that the student would need to have:

Essential: A good working knowledge and appreciation of administrative and survey data sources, and the different approaches to analysis

A good understanding of Excel and a statistical data package (SPSS, SAS, Stata, ML Win, R)

Drafting in Plain English

A desire to learn and understand

Desirable: Data presentation and visualisation skills

Preferred selection method: Interview (in London)

Support and training offered by the organisation:

Home Office: Analysis and Insight is a learning organisation. All Q-Step placements will be allocated an experienced analytical line manager for the duration of their placement. The line manager will guide the student through their projects.

Introductions to Home Office analysis and policy making will be available to Q-Step placements. Coaching in data sources, analytical skills, and communicating with policy and stakeholders will be available. Some online training will be offered. However, we expect Q-Step placements to be self-starters: seeking out opportunities to learn and advance thinking themselves.

Any issues of data confidentiality and/or IPR that would need to be resolved: N/A

Supporting Information:

This project is suitable for two students. Placements are open to UK Nationals, British Nationals (Overseas), British Protected Persons, Commonwealth Citizens, EEA Nationals of other member states and certain non EEA family members and Swiss nationals under the Swiss EU agreement. There must be no employment restriction or time limit on your permitted stay in the UK. You should normally have been resident in the UK for the last 3 years. Successful applicants will need to apply for Home Office security clearance.

For information contact chris.attwood@homeoffice.gsi.gov.uk.

Financial assistance offered by the organisation:

Travel and subsistence costs are met for travel away from the office.