



## How could UK Police Resources be better placed?

### Brief:

The Home Office (HO) is coming under increasing pressure to evidence their strategy to tackling the increasing levels of crime in the UK. To justify expenditure and better target precious resources the government department needs concrete evidence of crime trends.

As new recruits to Kubrick Group you have been asked to land, profile, cleanse, model and analyse the data as well as document your findings.

We need you to present your analysis via an attractive dashboard presented as an infographic. You may consider analyses by any slice you see fit, for example by:

- Time
- Location
- Crime Type

We are really looking for well thought out enrichment to the crime data which we will provide you.

Bear in mind all the techniques you have learned so far at Kubrick... Remember actual numbers are meaningless without ratios and ratios are meaningless without context.

The source data from UK crimes can be found in the following resource:

- <https://data.police.uk/>

Think about current political, cultural and environmental situations – what would be an interesting and informative way of analysing UK crime?

Key deliverables for this project are:

- Detailed quality documentation written in LaTeX outlining your:
  - Brief
  - Hypothesis
  - Engineering
  - Modelling
  - Analysis
  - Appendix of code
- Dimensional Modelling diagrammed and built in a SQL Data Warehouse
- Data Enrichment (also in a dimensional format) using whatever enrichment you see fit
- Tableau visualisation infographic and dashboard

Your code should all be pushed up into GitHub and documented thoroughly.