

# College of Policing Internship: Analysis of Competency Assessment Surveys & Police Pursuits Data

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As the professional body for Policing, the College and its research team carry out analysis to shape and improve the practices of the police force.

Their evidenced based research is crucial for the improvement of officers and the rules and regulations which are set in place.

## Objectives

### Competency Tests:

As it currently stands, police officers work through a series of pay increases over their course of duty.

There are currently proposals for new tests to better assess officer competency in order to establish whether or not they have demonstrated a high enough level of proficiency to be rewarded with their next pay increase.

To ascertain the effectiveness of these tests, trials were conducted across several police boroughs throughout the country. Following these trials, officers were asked to complete a survey on their experience of the new tests and this information was then collated by the College.

It would then be necessary for the data to be cleaned and analysed to establish any particular patterns or trends within the data. Following which, a report of these findings would be constructed to contribute towards the final Home Office report.

### Police Pursuits:

One of the additional projects the College was conducting concerned police car pursuits.

The College wished to find out what factors significantly affect the success of a pursuit.

Using data collected by the College, analysis would be conducted to help establish if any particular factors were paramount to a police pursuit's success.

## Disclaimer

Since both of these projects dealt with sensitive data and are still either being researched into or have not had their findings published, no information could be directly utilised for the purpose of this poster.

Instead, this piece focuses on the overall process throughout the internship; particularly to the projects' objectives and the methods which were implemented throughout.

## Method

Used Microsoft Excel to clean through the large survey datasets, conduct bivariate analysis and convert the data into a format ready to be imported into SPSS (competency tests project).

Carried out logistic regression analyses using SPSS to investigate the effect of variables within a police pursuit and the overall success of the pursuit (police pursuits project).

Presented all findings in accessible and well laid out reports which would then be used in a final report to the Home Office (competency test project) and in further regression analysis (police pursuit project).

## What I have learnt

How to efficiently clean large excel datasets so that they are accessible and useful.

Learned how to perform extensive logistic regression models; including forward and backward LR models.

How to succinctly write up findings in the style of a government social researcher.

Gained confidence with quantitative processes - particularly with finding solutions for problems during an analysis.

### Contact

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