

TORONTO CRIME

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Understanding Toronto's Crime Problem

"The cost of crime is far more than we can imagine – it erodes the trust, safety, and well-being of entire communities."

PROBLEM

Toronto experiences varying levels of crime across its neighborhoods, impacting the safety and well-being of its residents.

CHALLENGE

Understanding the dynamics of crime in different areas and using this knowledge to make Toronto a safer place for all.

Our Problem And Challenge

Tackling Crime with Data Science

Our Vision and Approach



GOAL # 1

We'll conduct in-depth data analysis, identifying trends, patterns, and anomalies in the crime data.



GOAL # 2

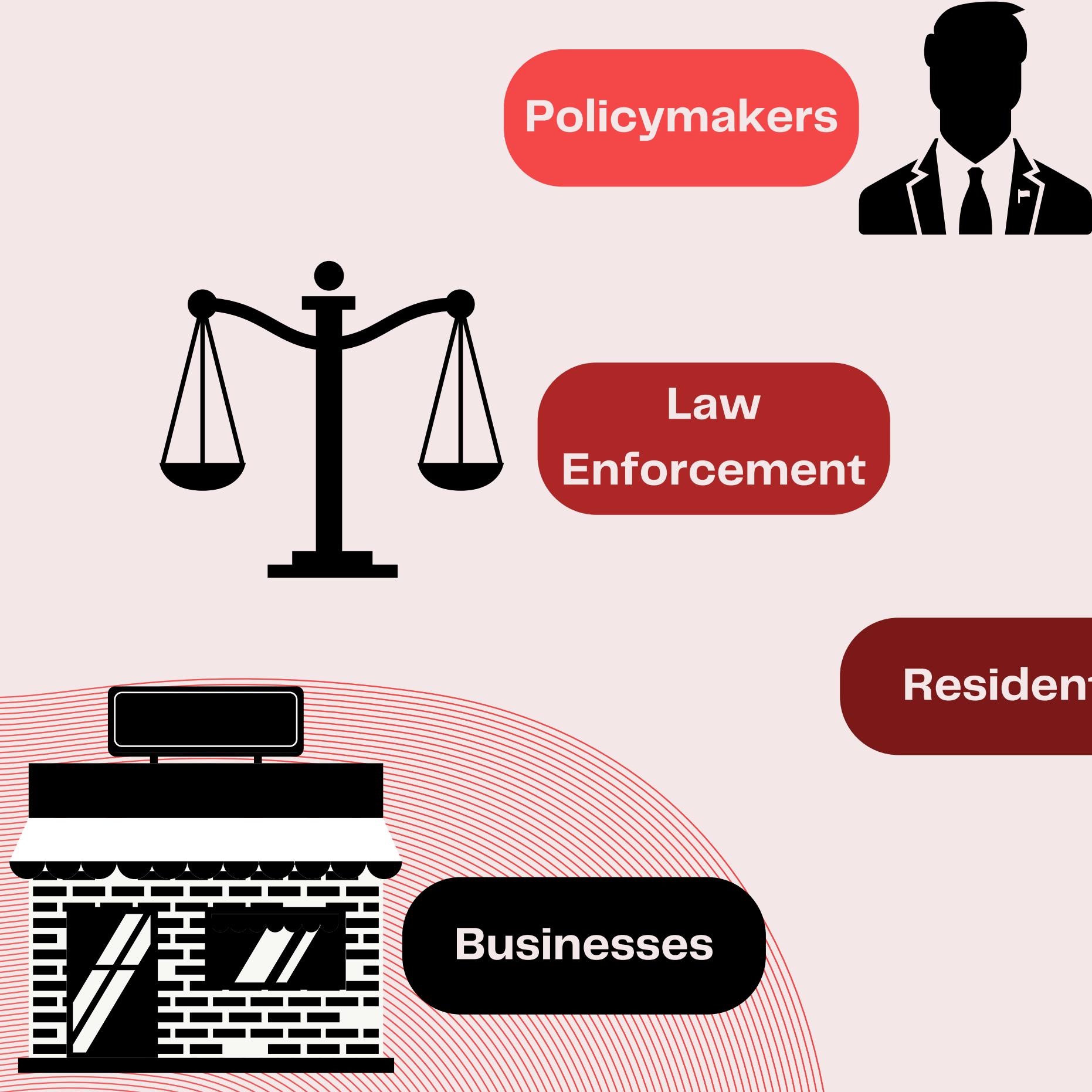
Utilizing machine learning and predictive models to forecast future crime rates.



GOAL # 3

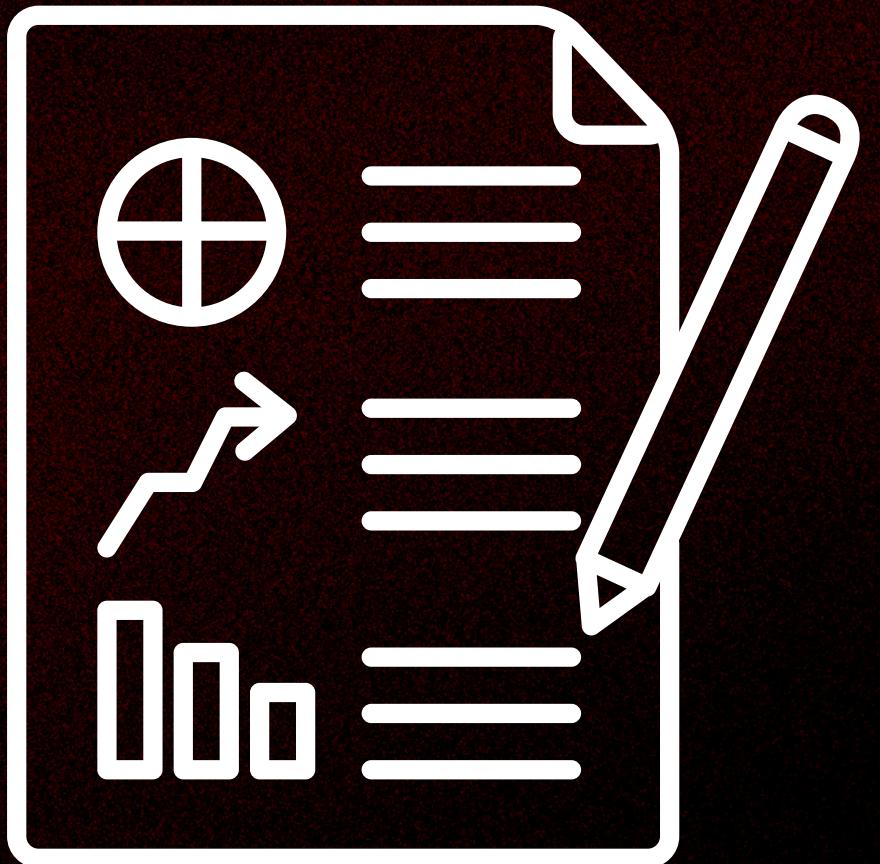
By providing insights to law enforcement and policymakers, we aim to enhance safety in Toronto.

Stakeholders



Making Toronto Safer

Unveiling the Data



The Dataset

Data Quality

Preliminary EDA

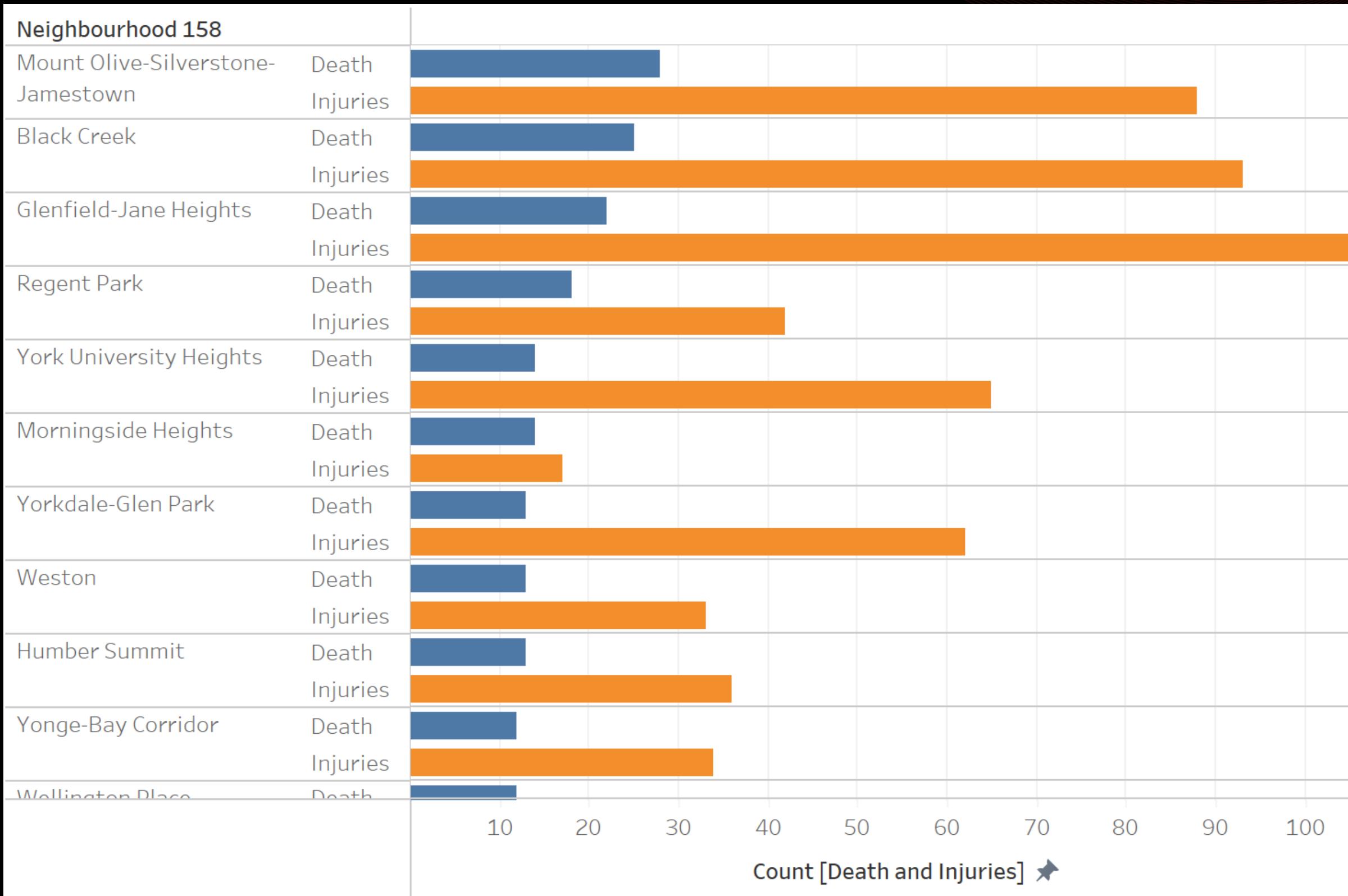
9 Datasets

Good

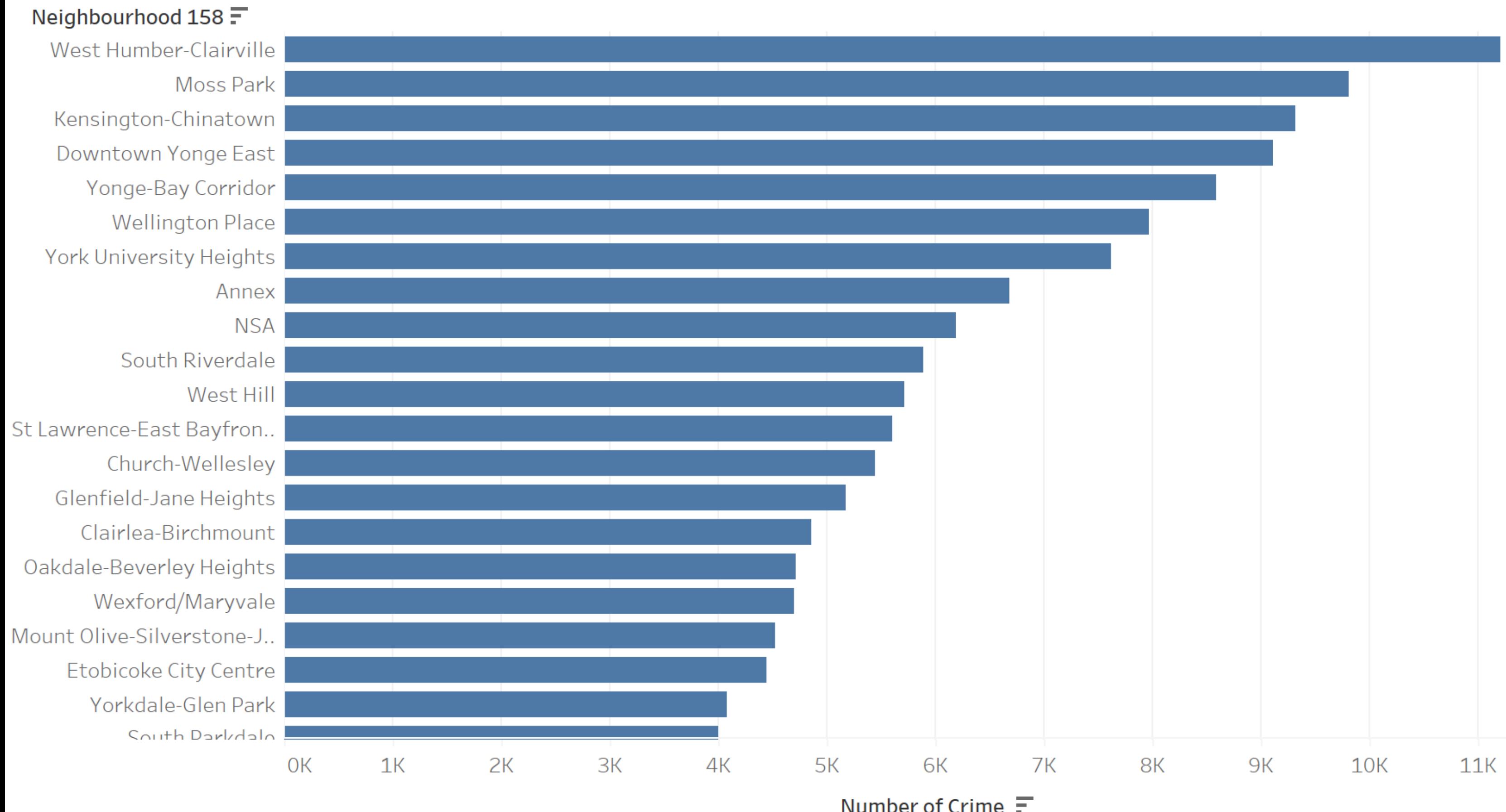
Interesting

SOME VISUALS

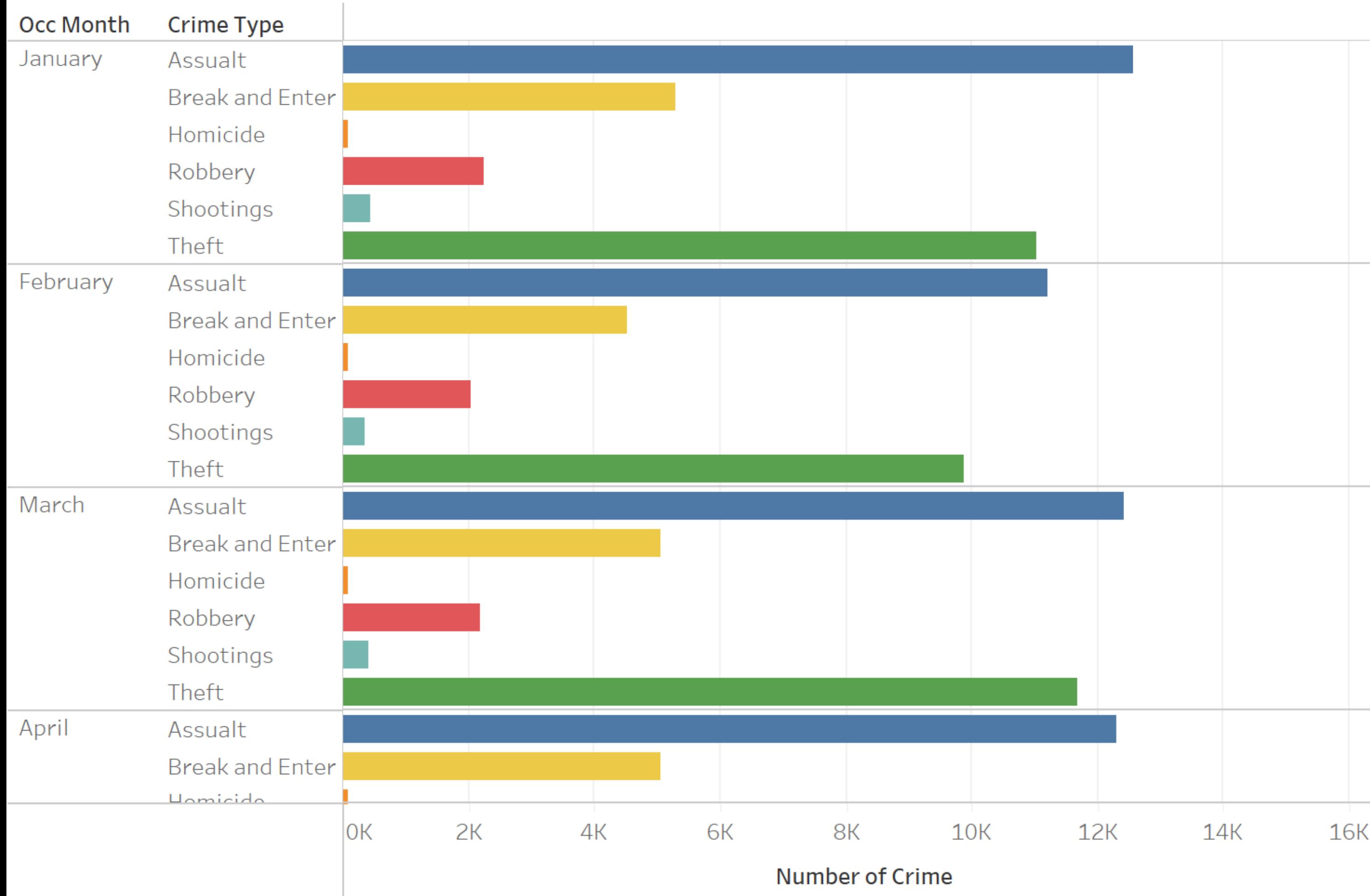
Number of Deaths and Injuries Distributed over Neighbourhoods



Number of Crimes in Neighbourhoods



Number of Different Crimes Occuring in Each Month



Total Number of Offences Over the Months and Years



CHARTING THE COURSE

- More Advanced EDA
- Potential relationship between Neighbourhood and Crimes?
- Potential relationship between Months and Crimes?
- Predictive Modelling?
- Time Series Analysis?

Questions

