Project Title – Investigate Toronto Crime Rates and Determine How safe is Toronto

Team Members :

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Project Description/ Outline: Identifying types of crime in Toronto, Analyse the trend across the time, neighbourhood etc. to answer research questions.

Research Questions to Answer:

1, what is the topmost committed crime based on reports?

2, what premises are the crime rate more? (Like apartment, houses, outside etc)

3, at what time is the greatest number of top crime committed?

4, which neighborhood has the greatest number of top crimes committed?

5, what is the trend of the top crime across years and predict next year crime?

Datasets to be Used : Toronto Police Data - <https://data.torontopolice.on.ca/pages/open-data>

Rough Breakdown of Tasks:

Extract API to plot the total crimes in a piechart and to identify top 3 crimes – Lintu

Analyze the top 3 crime to find which premise is more safe – Anabel

Analysis on which time of the day is more safe by analyzing when the top 3 crimes happened – Anumta

Find out which is most safest place in Toronto by plotting the crime by neighbourhood – Zaid

Get the year trend of each Crime and all the crimes and to predict the total crimes next year - Lintu