

UK CRIME ANALYSIS

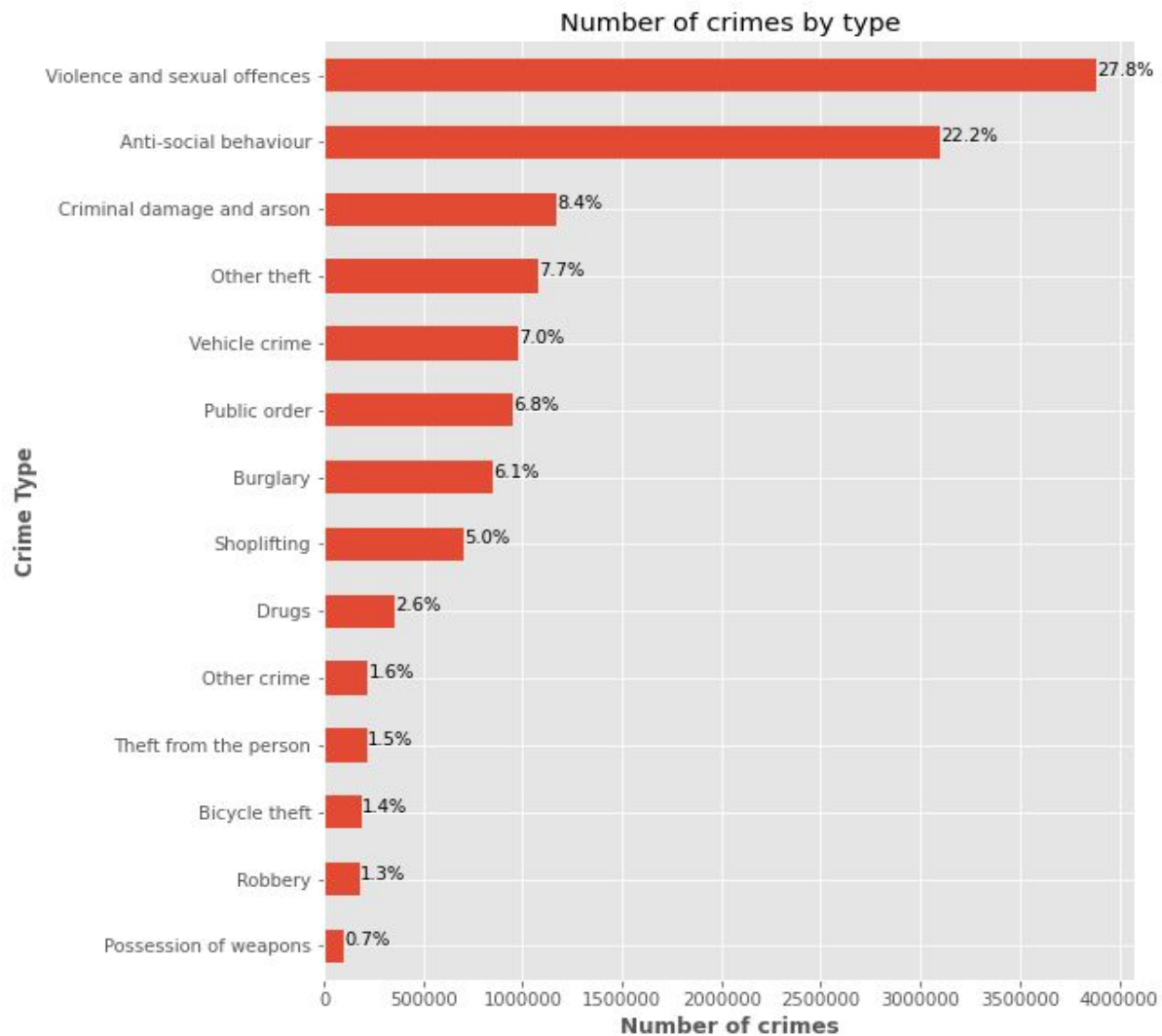
-Somya Maheshwari

Plots and findings:-

Analysis of UK crime data from January 2018 to June 2020 has been done.
The data ,after cleaning, consisted of about 1,40,00,000 entries.

It was downloaded from <https://data.police.uk/>.

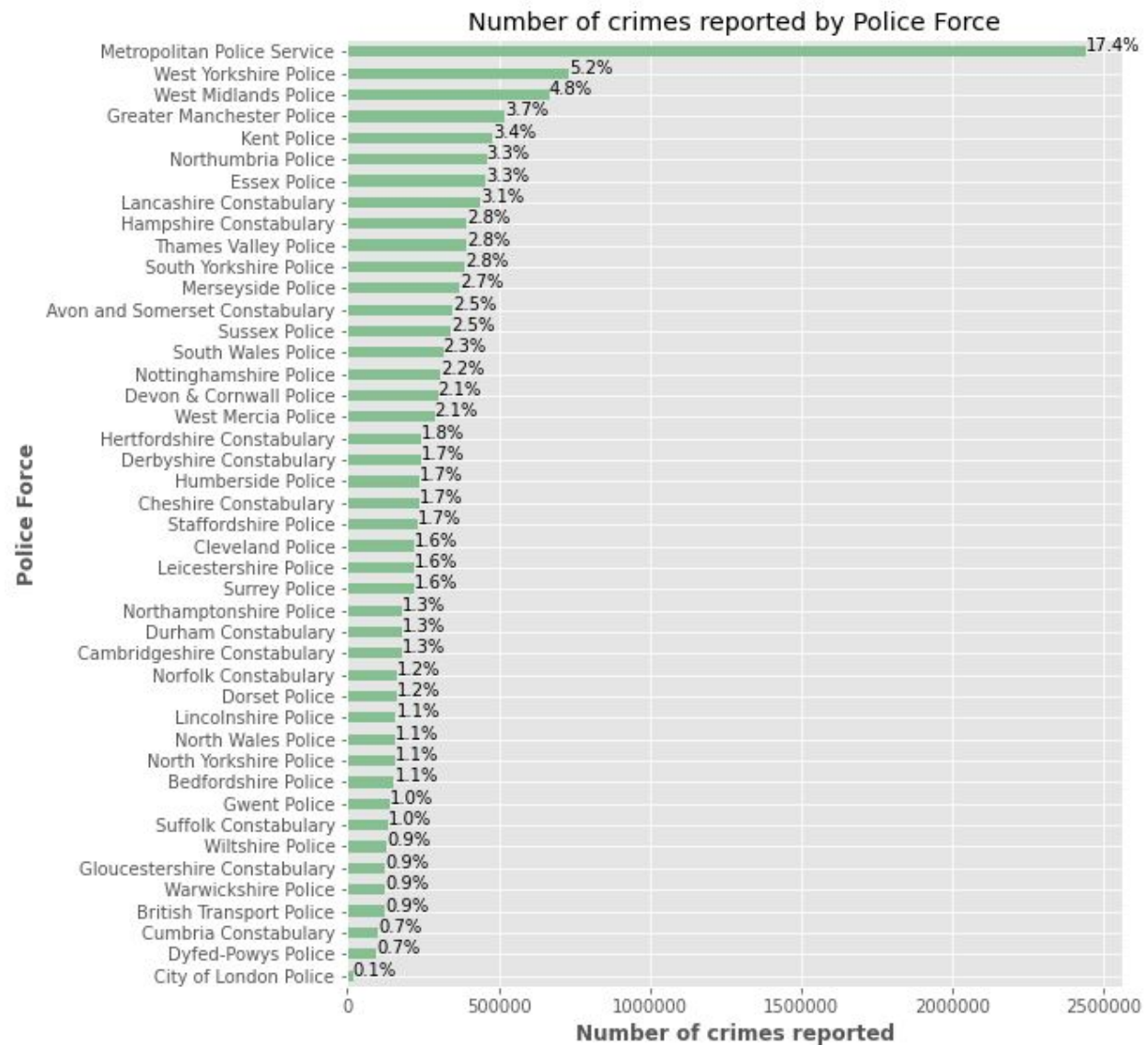
Distribution of types of crimes



Insights:-

- There are a maximum number of cases of violence and sexual offences.
- They account for about 27.8% of the total cases.
- A minimum of 0.7% of the cases are for possession of weapons.

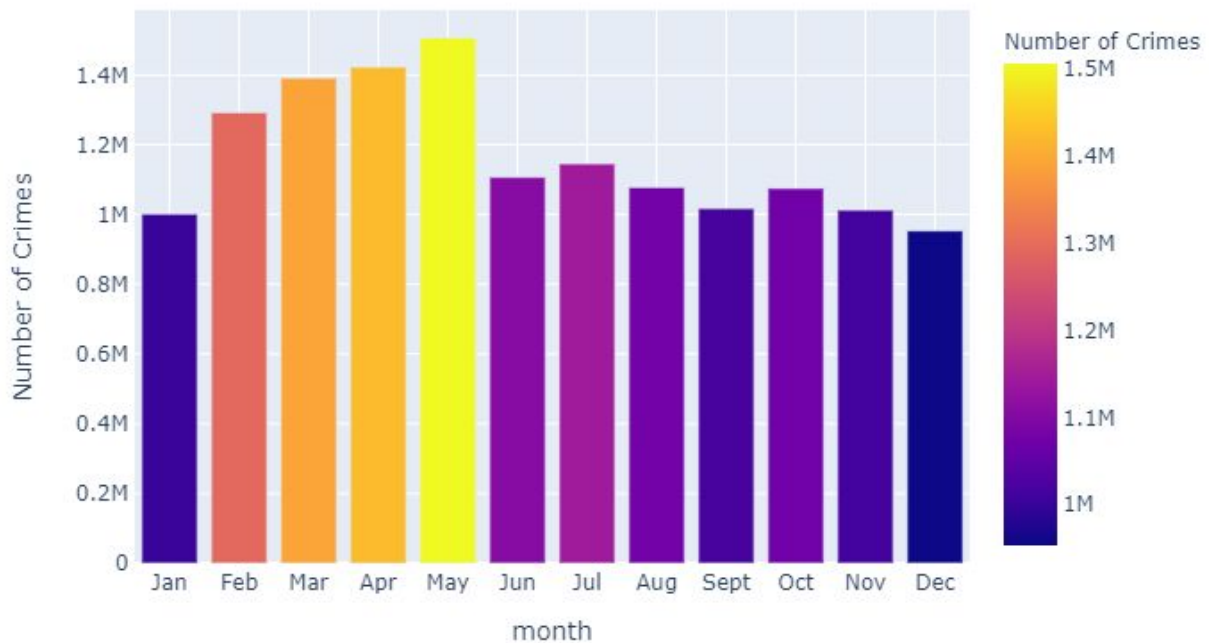
Crimes reported by a particular police force



Insights:-

- The Metropolitan Police Service has done an excellent job and 17.4 % of the total cases are reported by them.
- The reason could be awareness of the residents and the police force in the area .

Month-wise crime reports

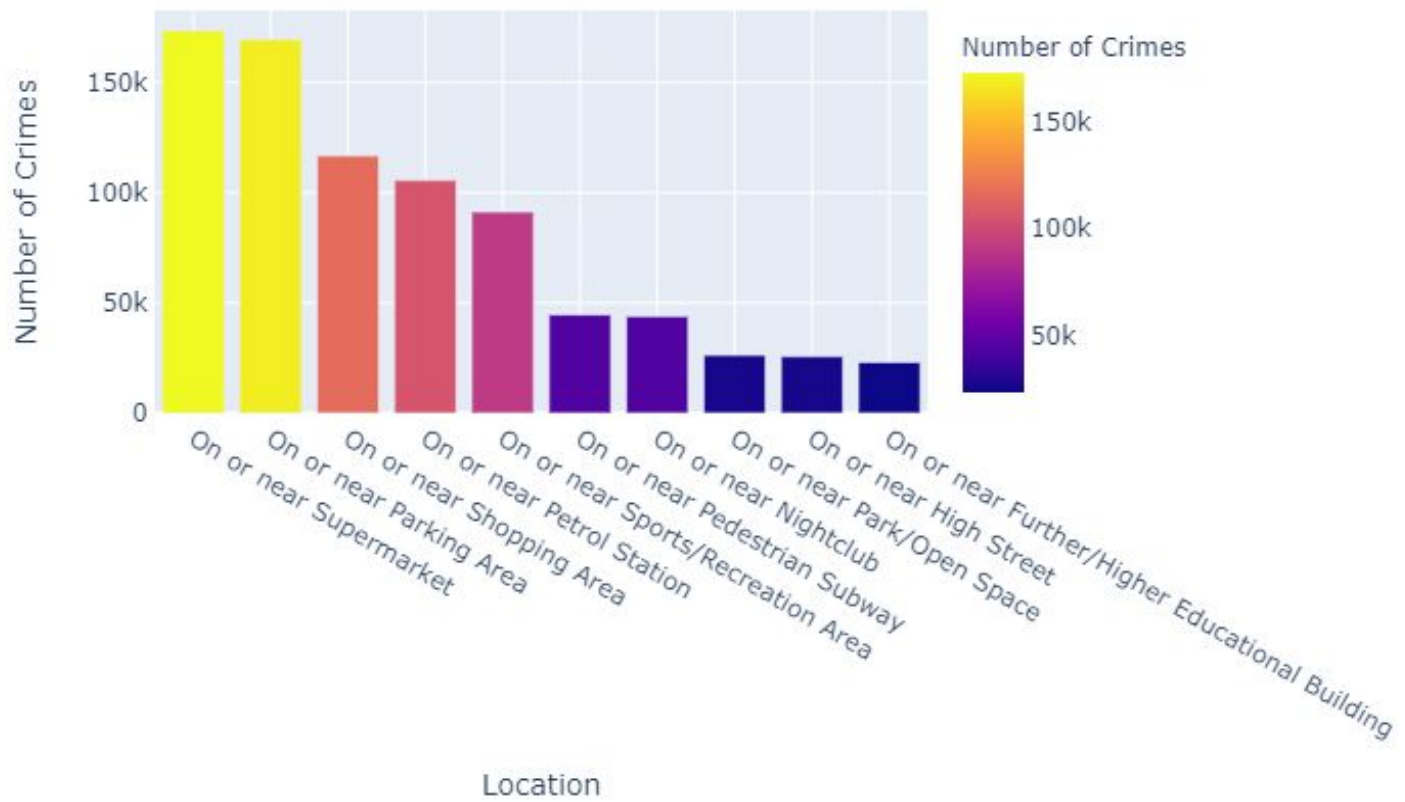


Insights:-

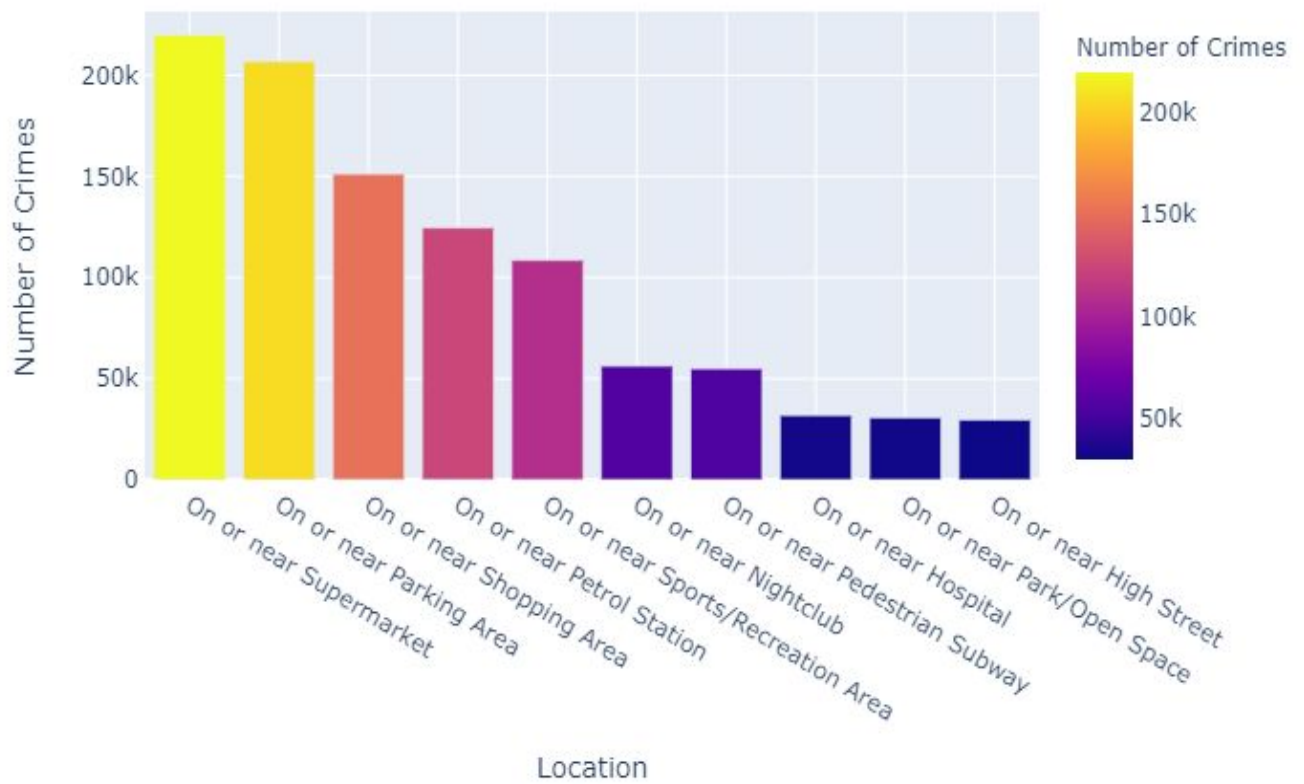
- It is evident that a large number of cases, more than 1.4 million, took place in the month of May.
- Comparatively, a lower number of crimes took place in December and January.

Location wise crime reports

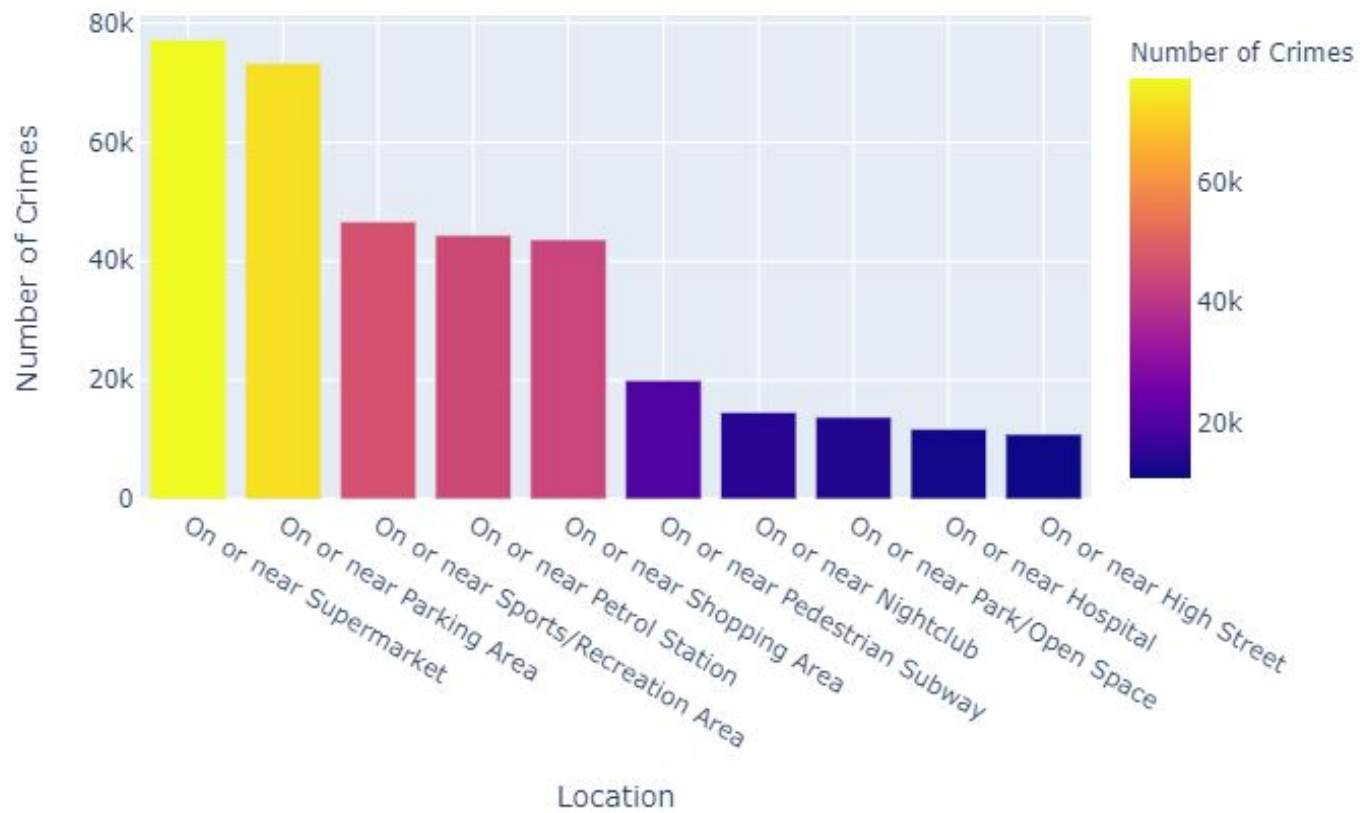
2018:-



2019:-

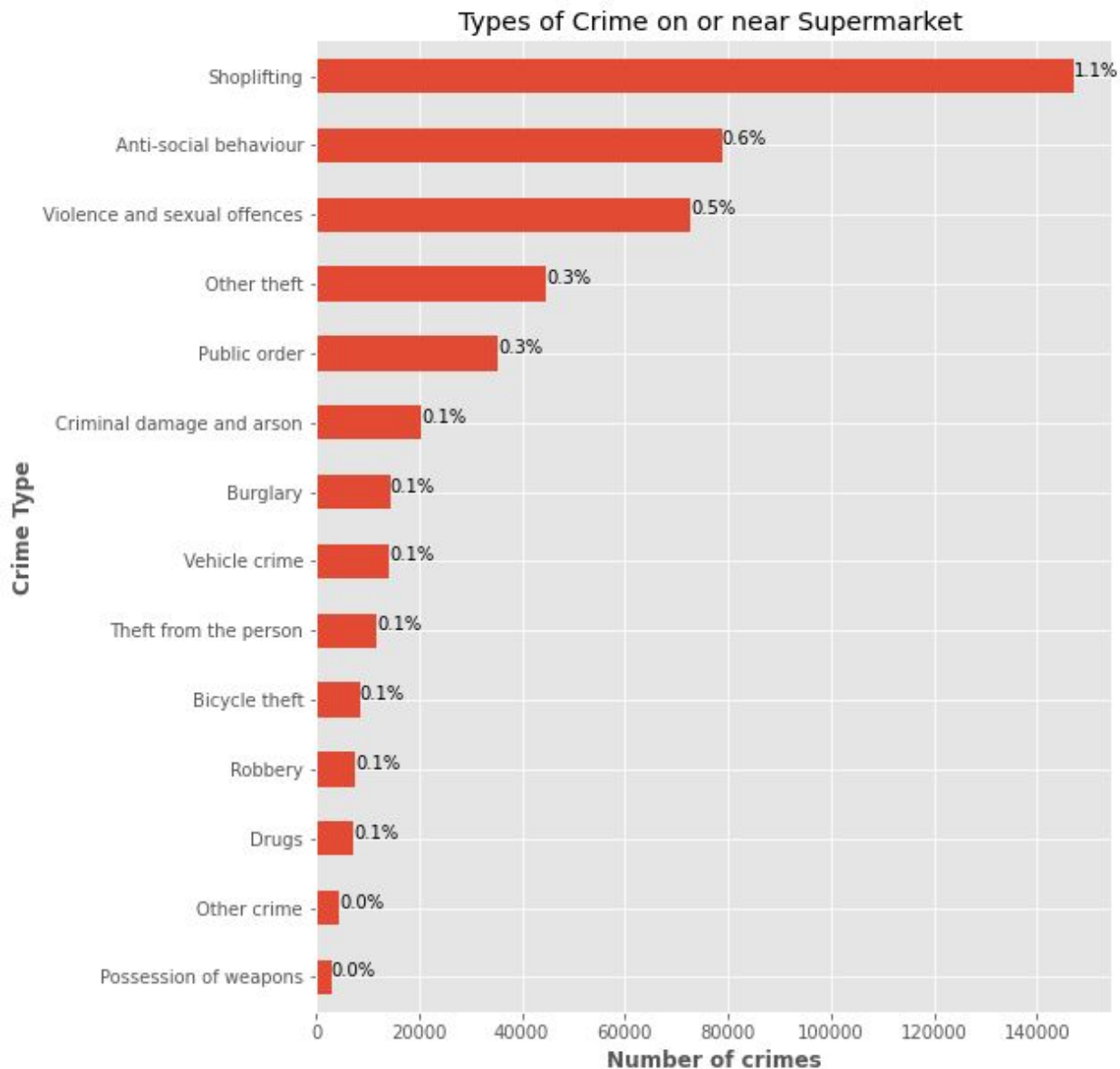


2020:-



Analysing crimes on or near the Supermarket

Since a lot of crimes took place near the supermarket, analysing the types of crimes that took place would be a good idea.



It is evident that there were a lot of cases of 'Shoplifting' near the Supermarket.