

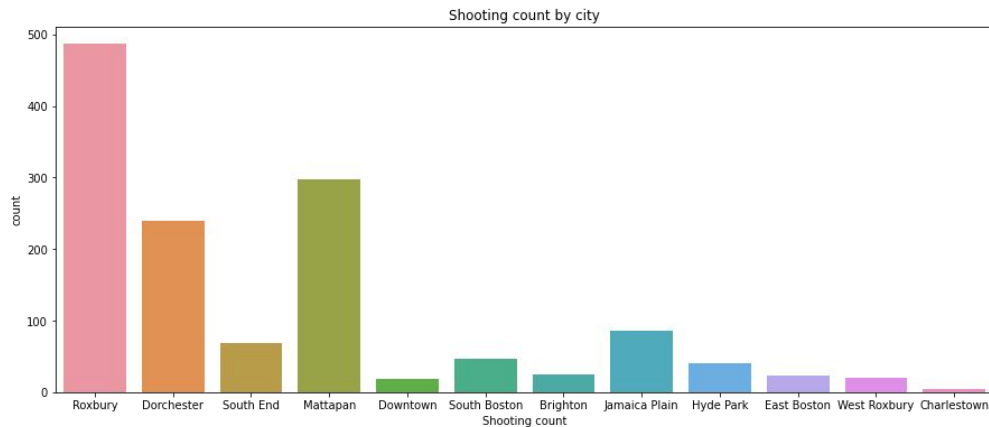
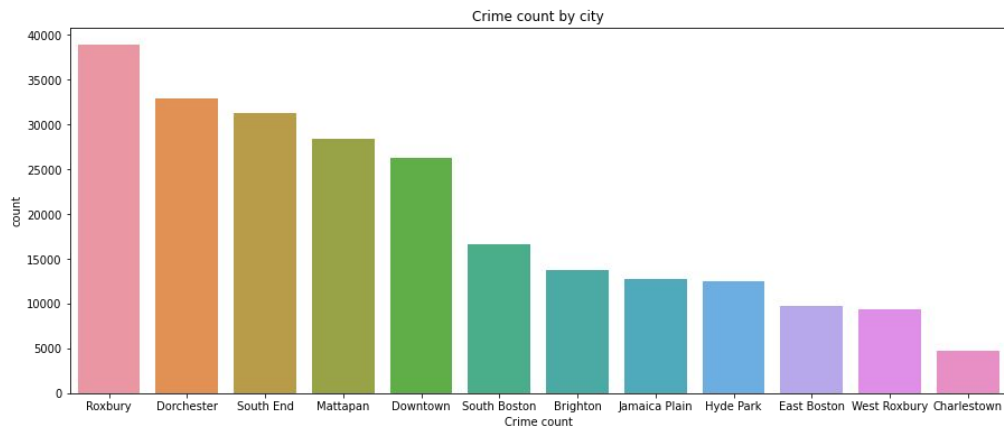


Analysis for the police department

VERON Léo



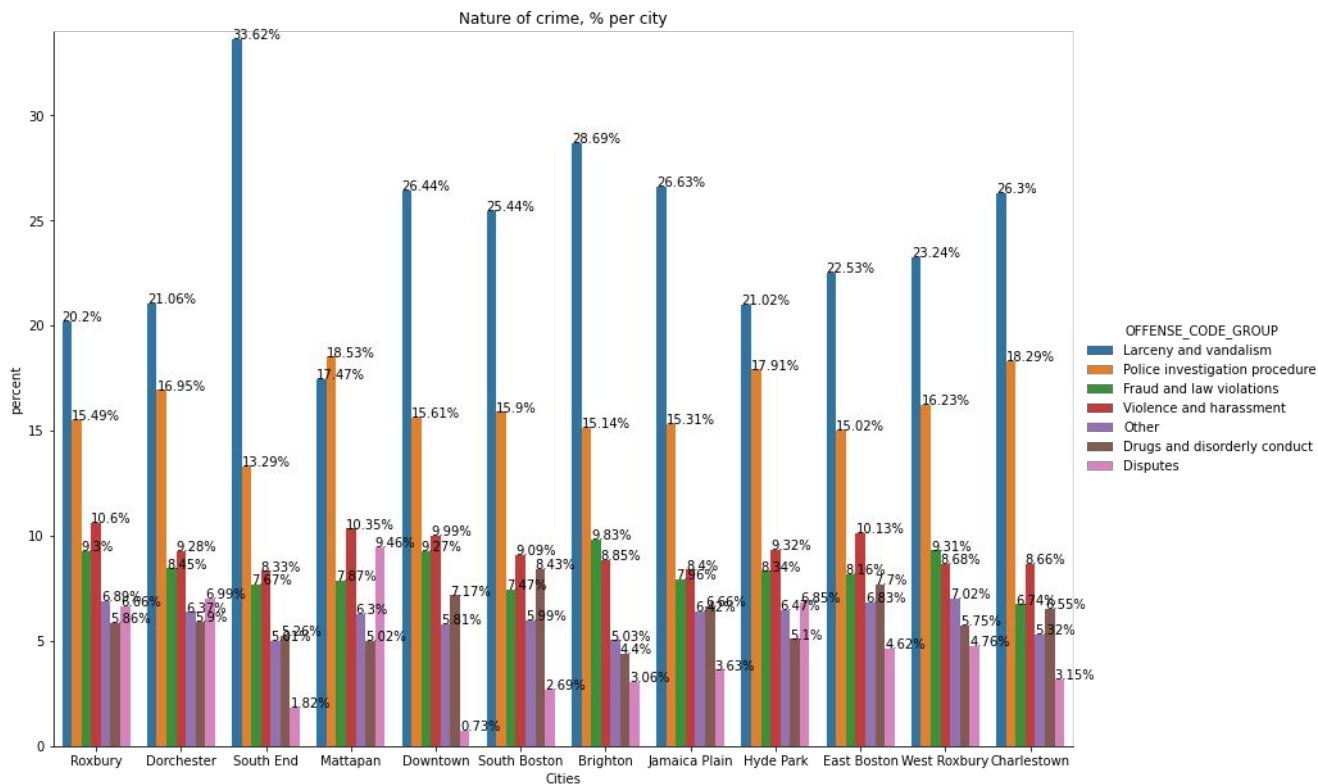
Number of crime per city



We can see which city shows the most crimes.

It could be interesting to compare this number with the city population. But as we don't have the population we can still compare it to the shootings to find the most 'dangerous' cities.

Nature of crime per city

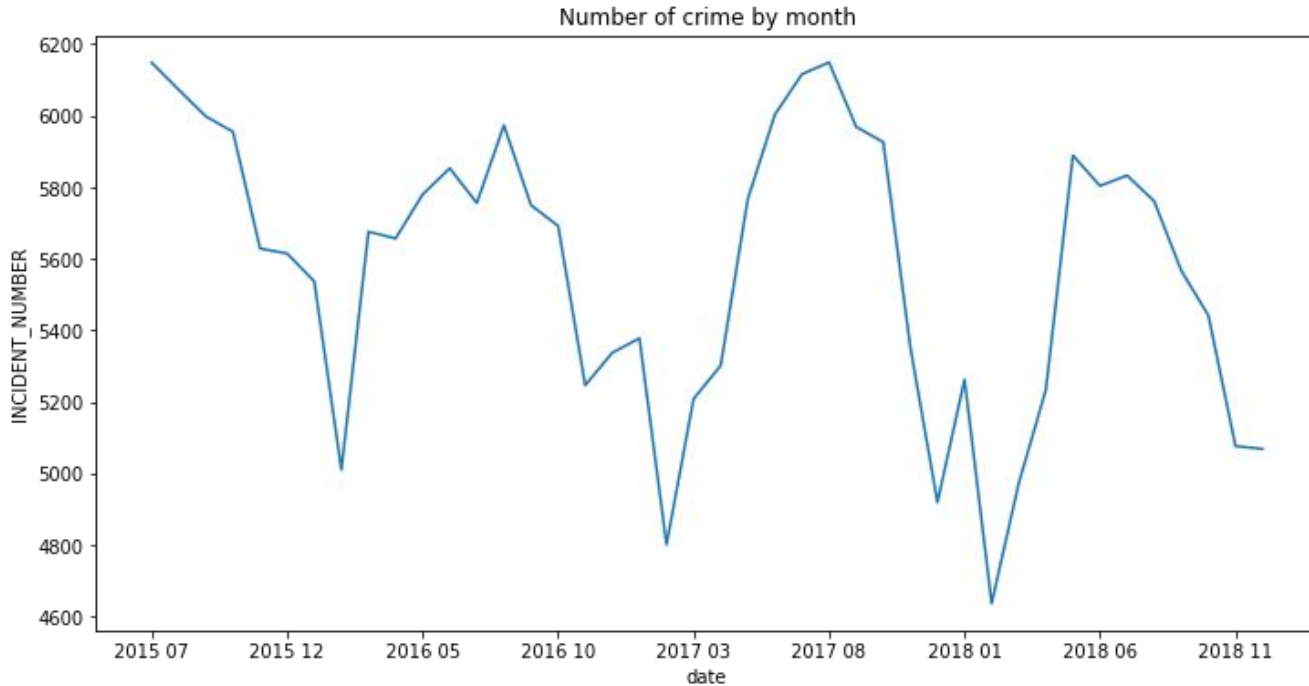


Proportion of nature of crime are roughly the same through cities.

South End and Downtown have very few disputes. That explain the low proportion of shooting comparing to the number of crime.

In contrario, Mattapan shows a high disputes rate, and thus, the corresponding number of shooting is high.

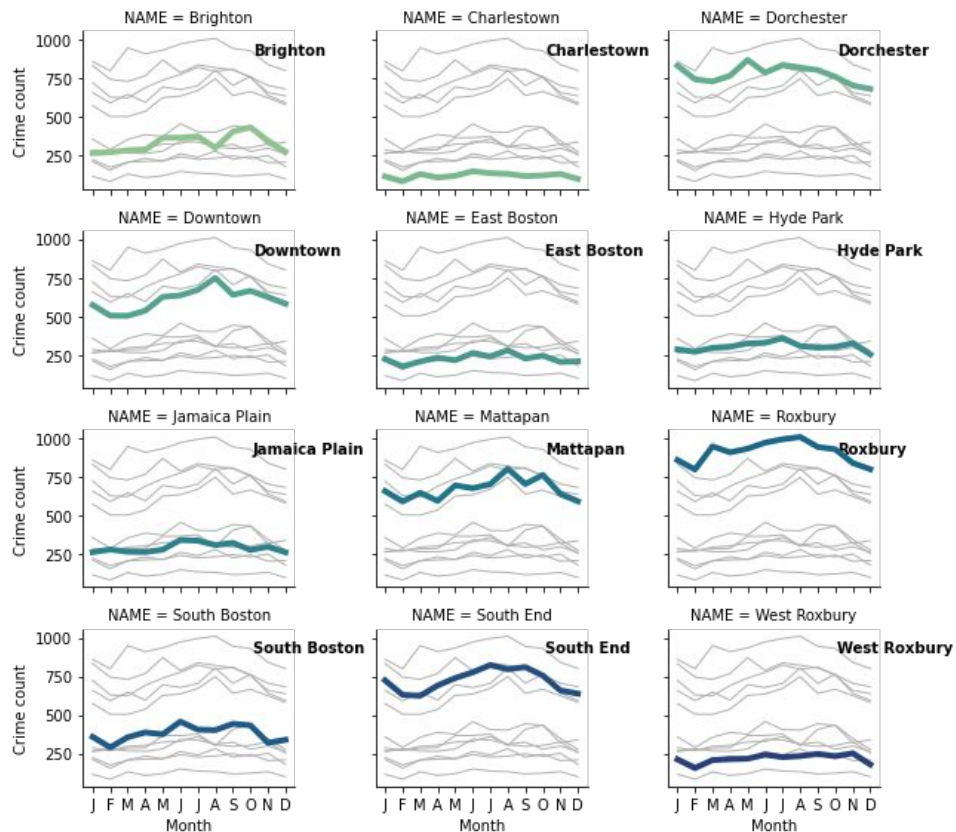
Number of crime during last years



It seems that there are time during the year when the crime rate drop (January and February)

Globally, it seems that there is less crime committed through the years (-0.5% from 2016 to 2017).

Crime by month for different cities in 2017



We find the same ranking that in the slide 1 (Number of crime per city).

We also see that crimes are the highest around august.