🍀 Boston Crimes 🔪

Analysis for the police department

Alexis Gourdol | 29/06/2021 | Examen : Développeur en intelligence artificielle

The analysis points to 3 main improvements

Improve distance to crime location in 3 districts

Ideas:
- mobile units
- temporary police station
- collaboration with neighbourhood watch

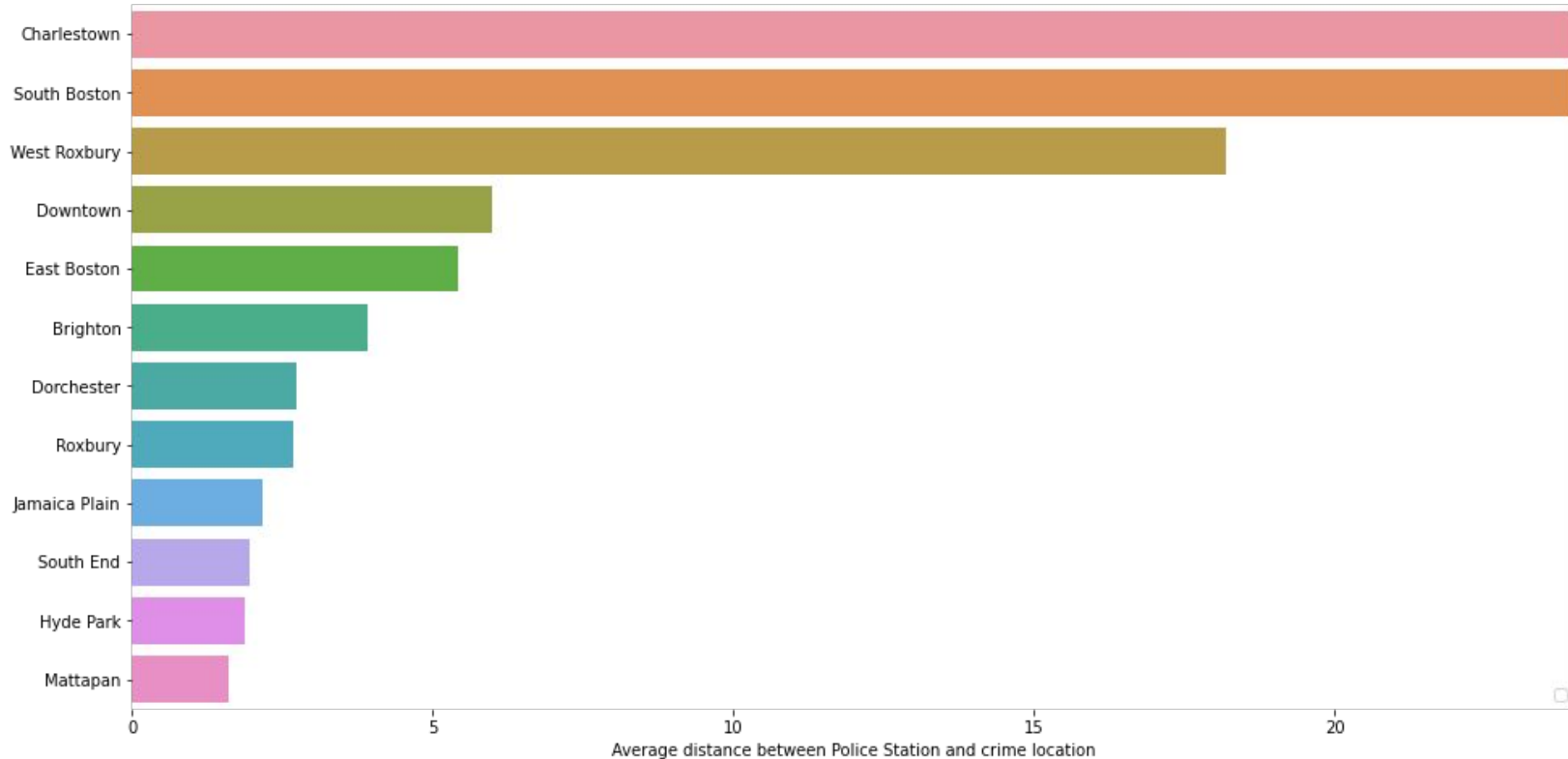**Adjust needs based on cycles of crimes**

Ideas:
- police force holidays schedule
- deeper analysis per crime type needed for specific recommendations

Adjust needs based on general crime profile

Ideas:
- police force specialization
- police force hiring process

We should focus on the distance/time to crime location in Charlestown, South Boston and West Roxbury

Average distance between Police Station and crime location

The number of incidents shows a cyclical pattern over the years
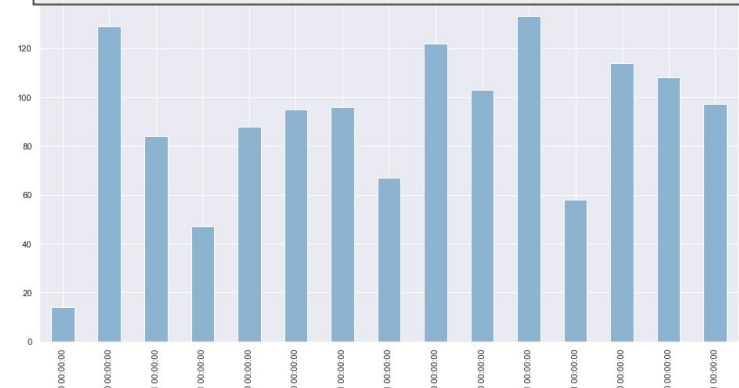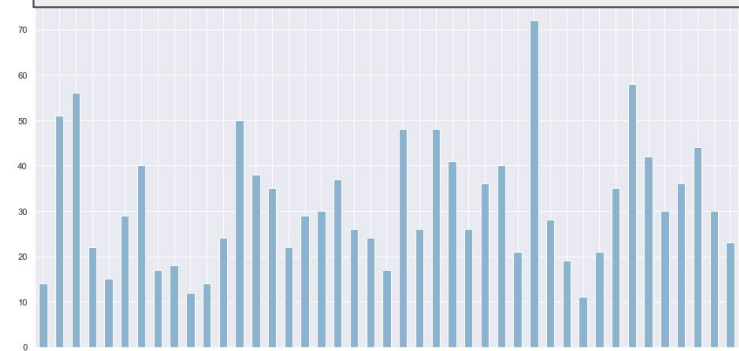

Q1 troughs

middle of the year peaks

Focus on shooting cases exhibits a similar pattern

quarterly view

monthly view

Larceny, vandalism and police investigation procedures have been reducing Violence, harassment and disputes are on the rise

Legend:
- Disputes
- Drugs and disorderly conduct
- Fraud and law violations
- Larceny and vandalism
- Other
- Police investigation procedure
- Violence and harassment