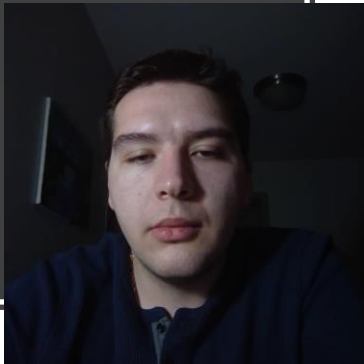


Baltimore Crime Wrangling and Analysis

Ion Barbus

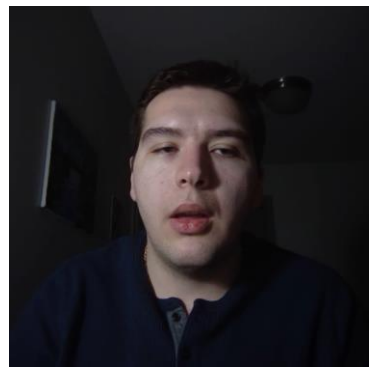


Literature Review

Crime Forecasting
Using Data Mining
Techniques

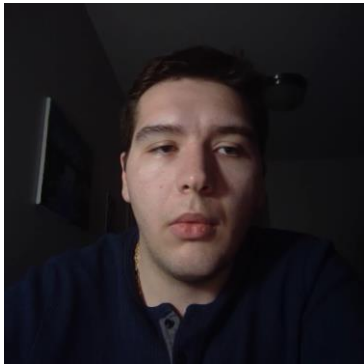
Predictive Policing

Project Focus and
differentiation
from previous
work



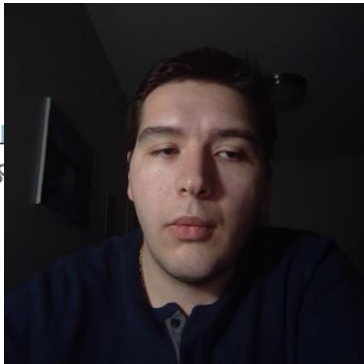
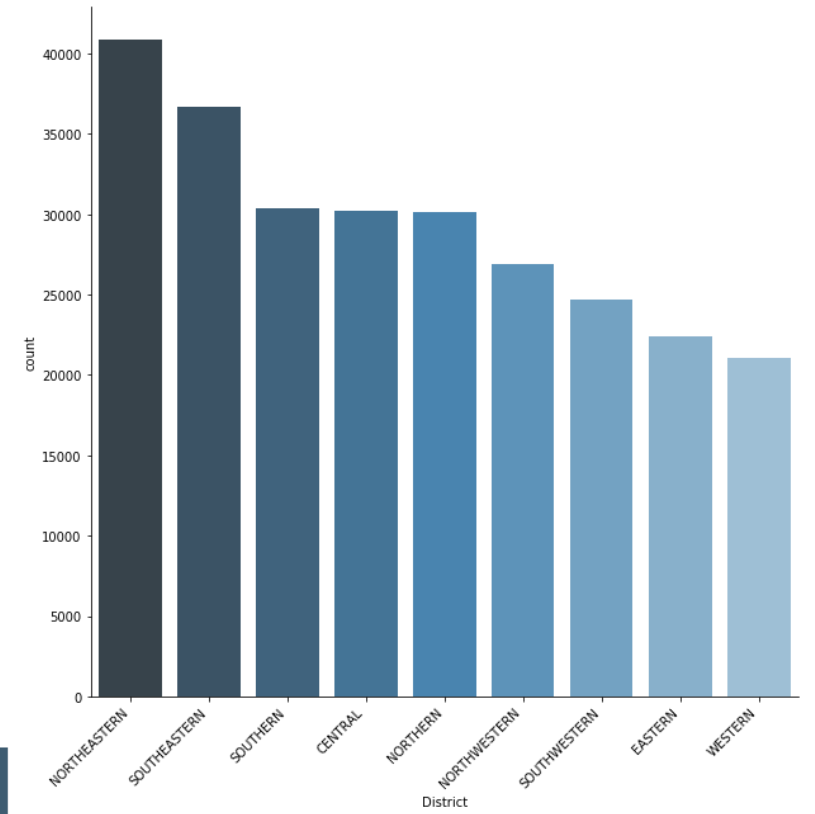
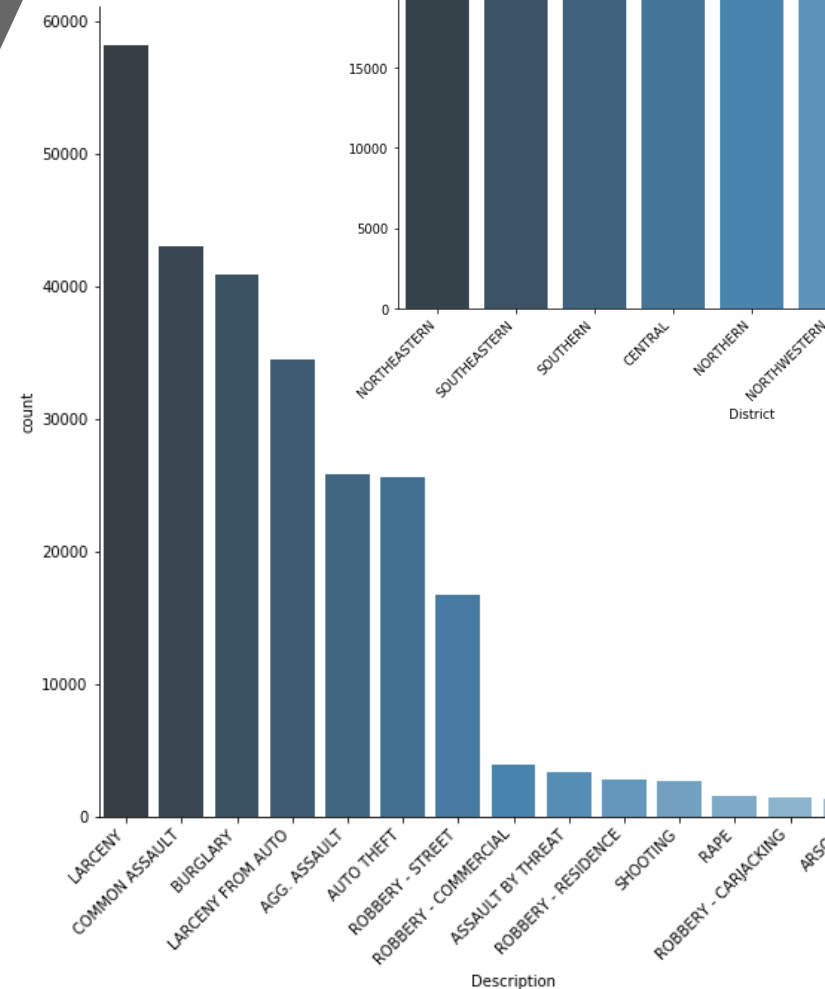
Data Wrangling

- Handling NaN values
- Formatting data (Geopoints and Timedeltas)
- Standardizing columns
- Dropping unneeded columns

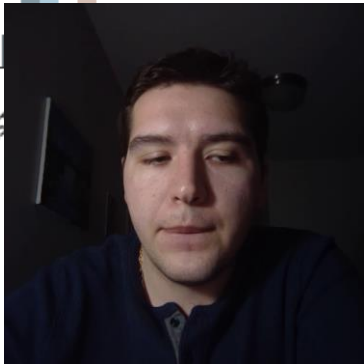
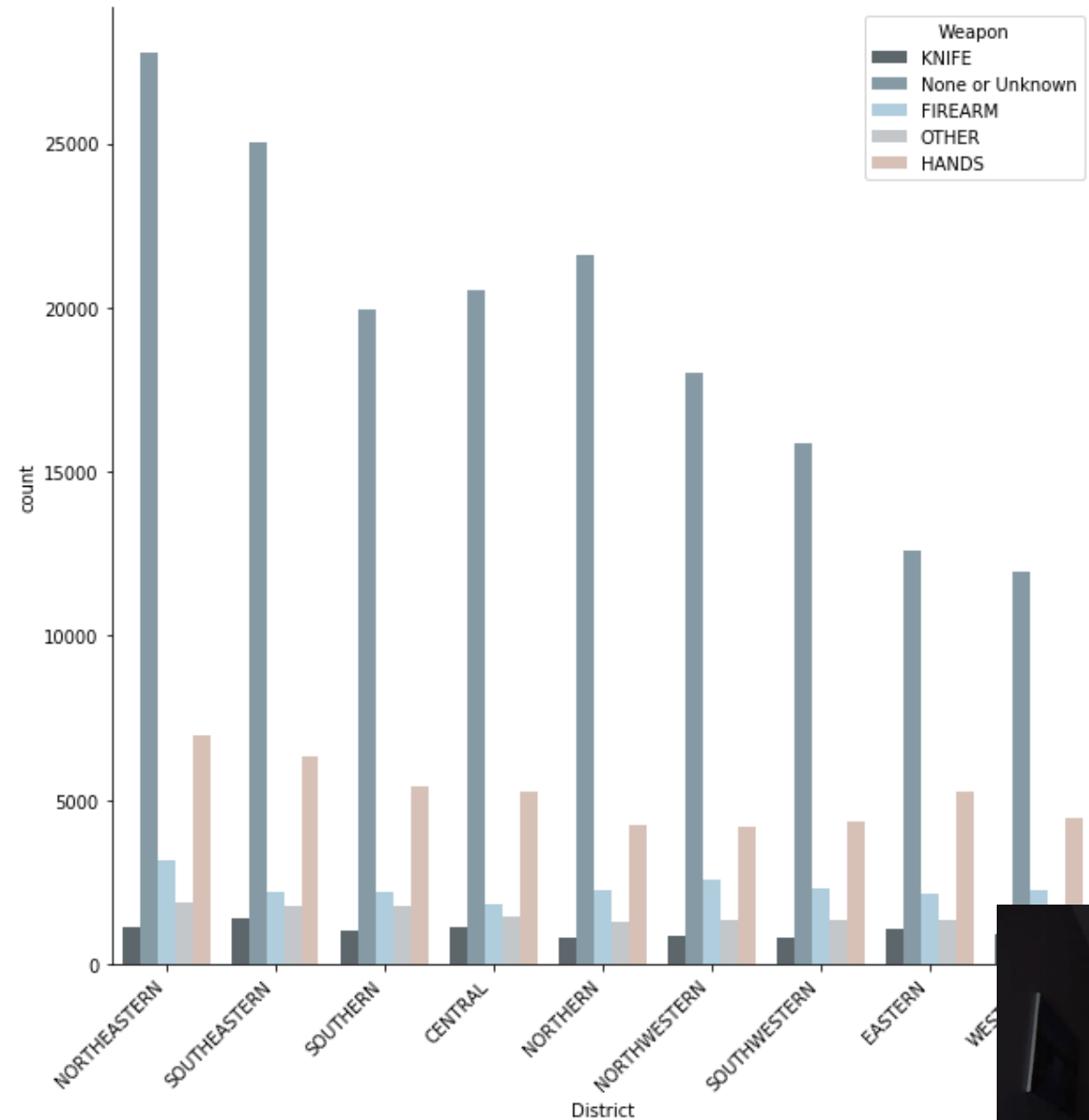


Analysis

- Larceny, Common Assault and Burglary are the three most common description for crimes in Baltimore
- Most crime occurs in the Northeastern and Southeastern districts, with southern, central, and northern tying for third

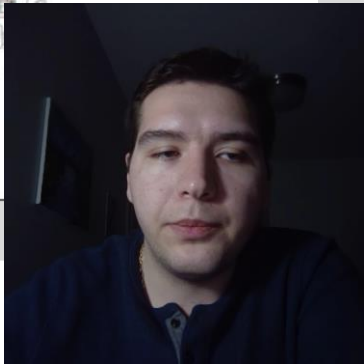


Analysis Continued



GeoAnalysis

- Street Robbery = Red
- Shooting = Green
- Rape = Purple



GeoAnalysis Continued

Blue dots represent crime
cameras locations

