



Wireframe Document

Crime Analysis

Revision Number – 1.2

Last Date of Revision – 13th May, 2022

Taniya Nath

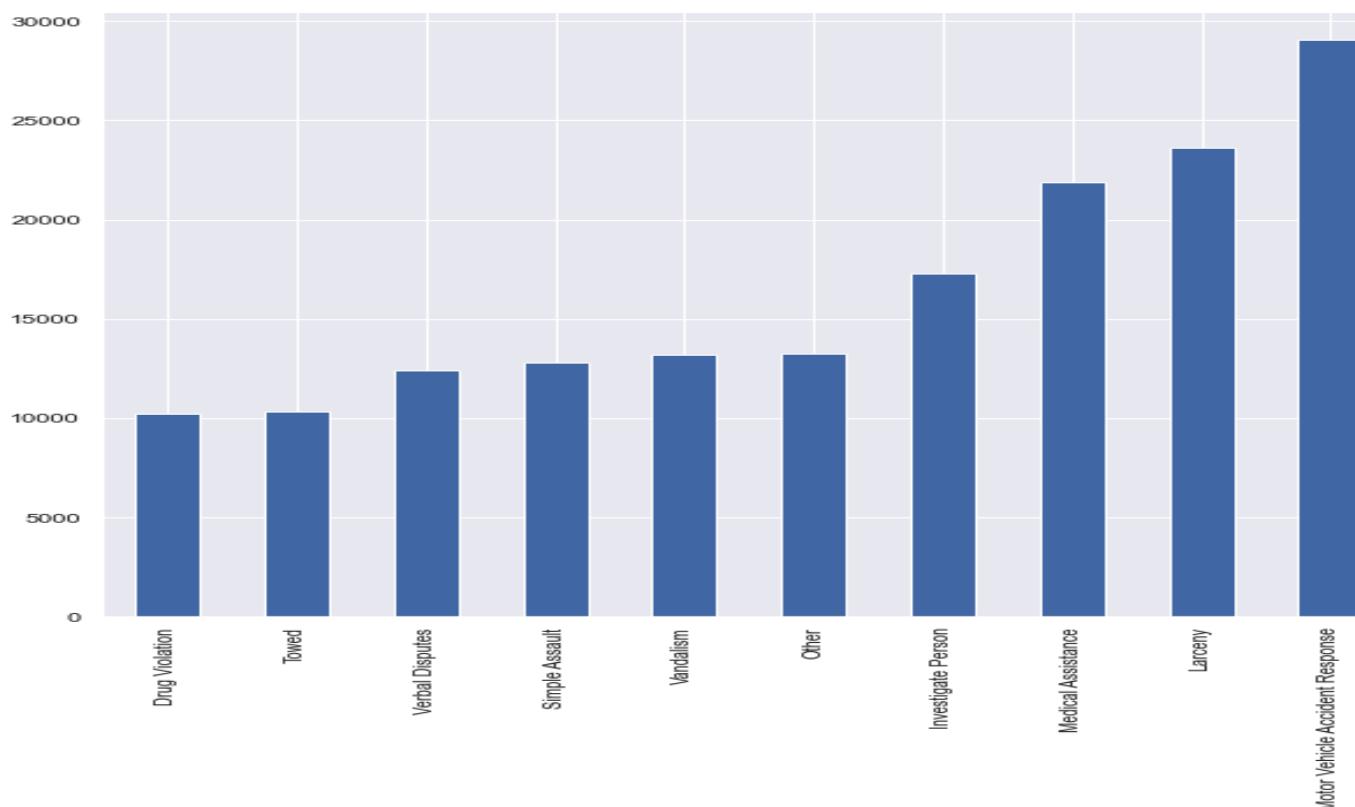
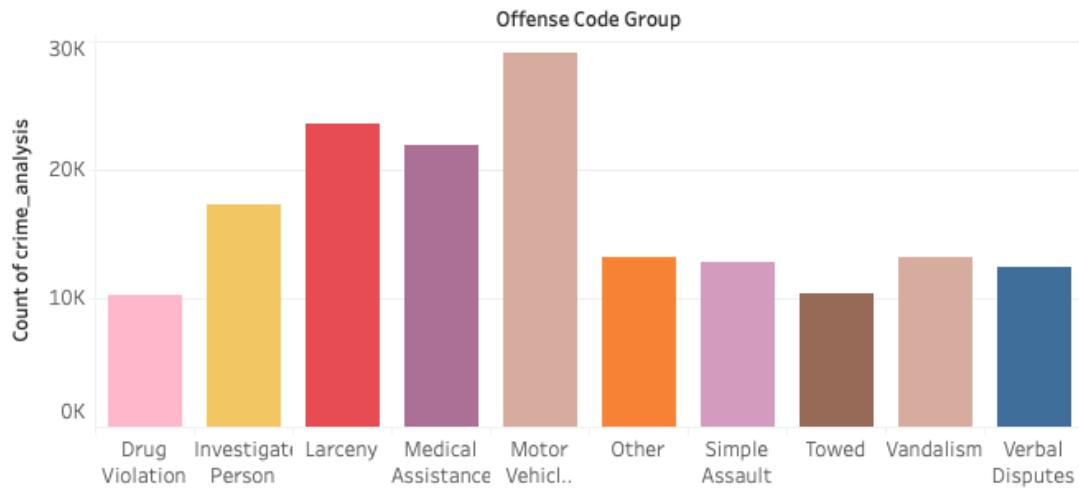
Document Control

| Date | Version | Description | Author |
|----------|---------|--|-------------|
| 10/05/22 | 1.0 | Introduction, Problem Statement | Taniya Nath |
| 12/05/22 | 1.1 | Dataset Information, Architecture Description | Taniya Nath |
| 13/05/22 | 1.2 | Final Revision | Taniya Nath |

After doing an **Exploratory Data Analysis** on **Jupyter Notebook**, I created **Tableau public dashboard** for some **intuitive data visualizations**.

1. Top 10 Crimes in Boston

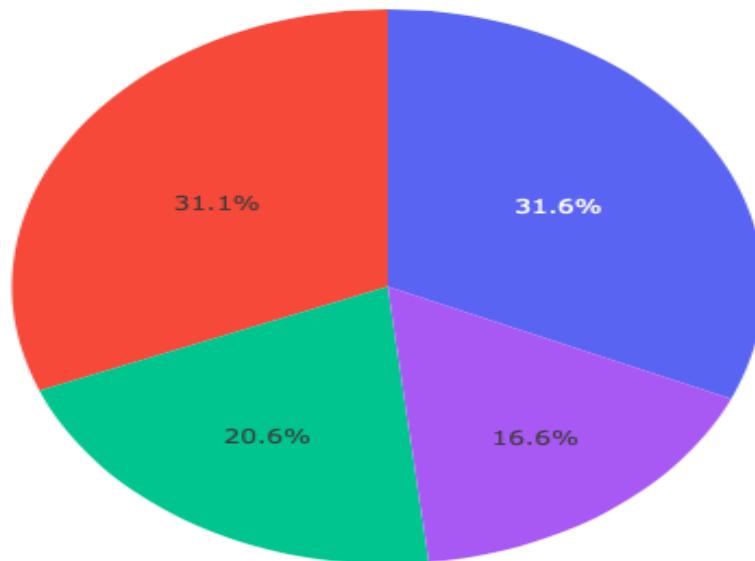
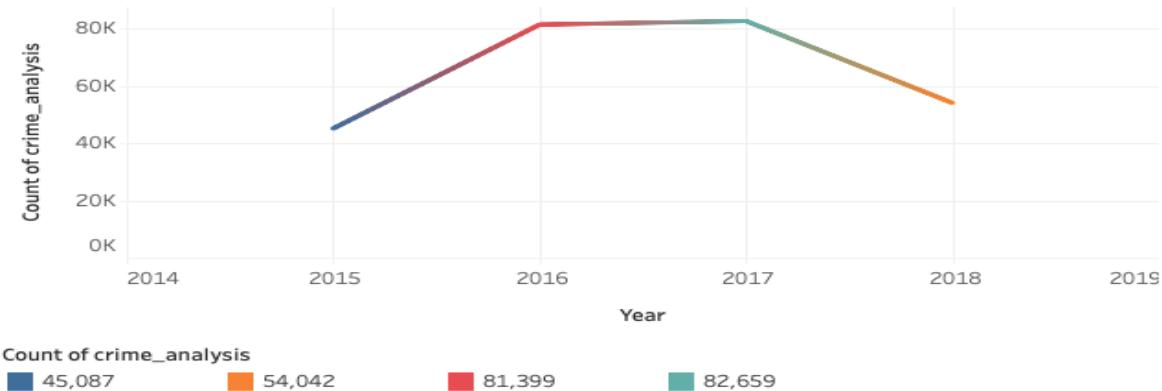
Top 10 Crimes in Boston



Here, we can see the crime incident that has happened the most frequently in Boston is "Motor Vehicle Accident Response," and "Larceny" has also been taking place very frequently.

2. Percentage of Crimes per Year in Boston

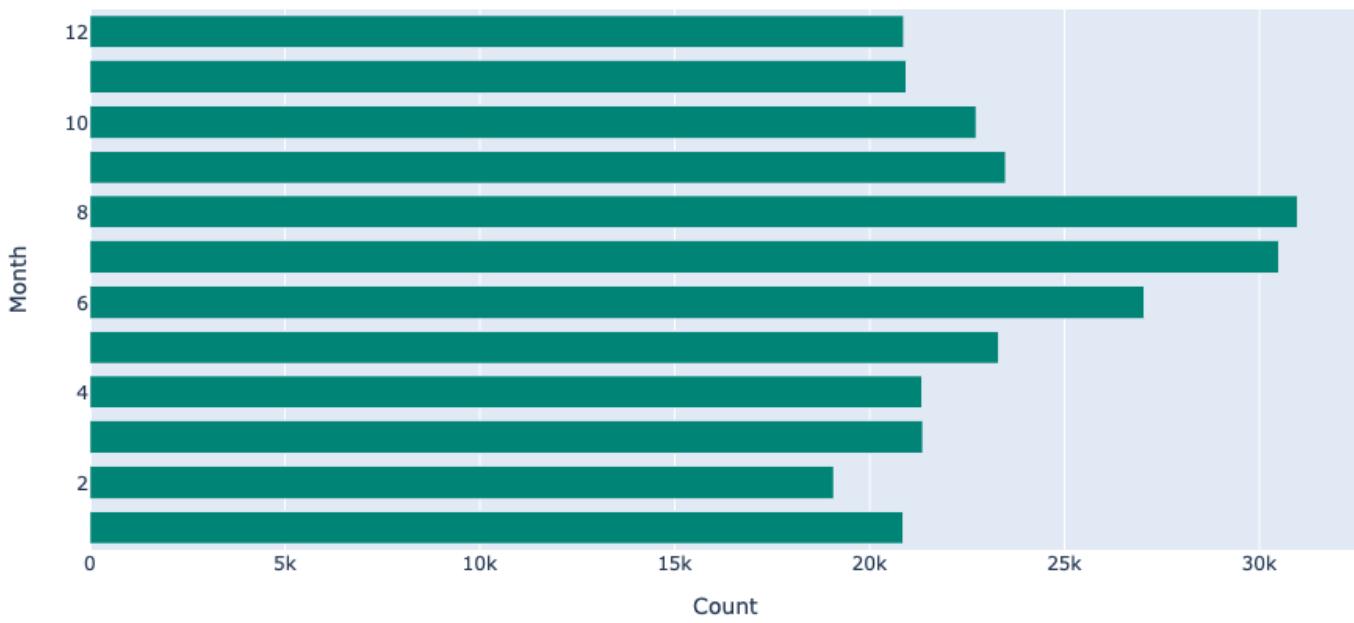
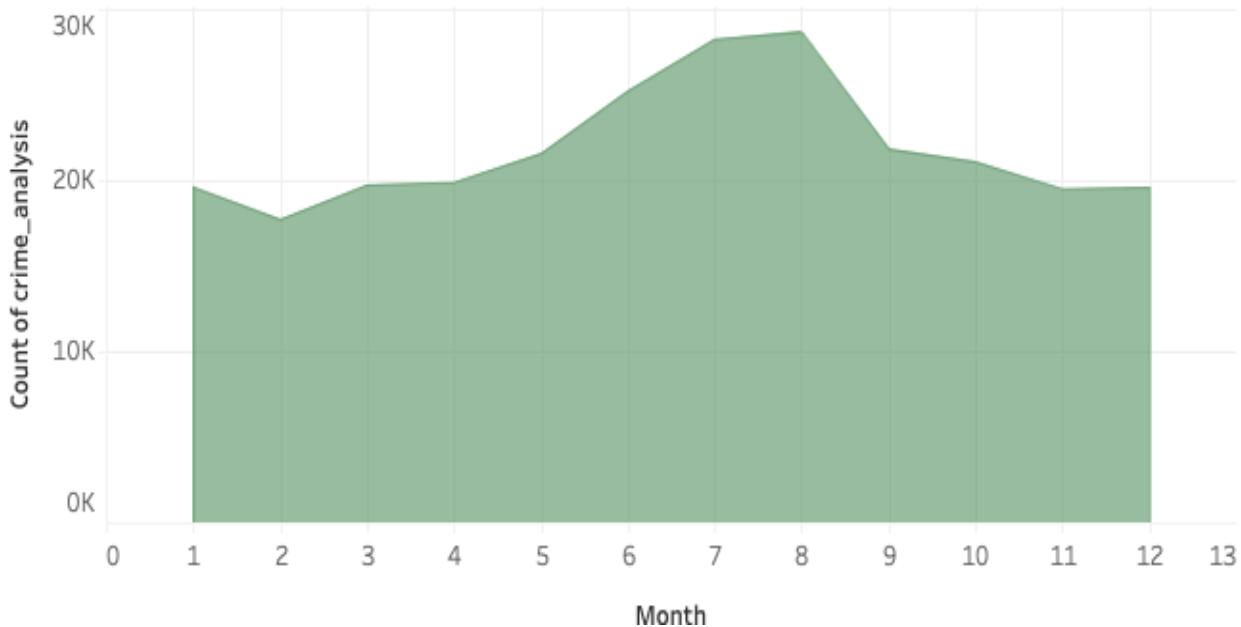
Crimes in Boston Per Year



From above, In 2017 Crime rate was more whereas In 2015 Crime rate is less in Boston.

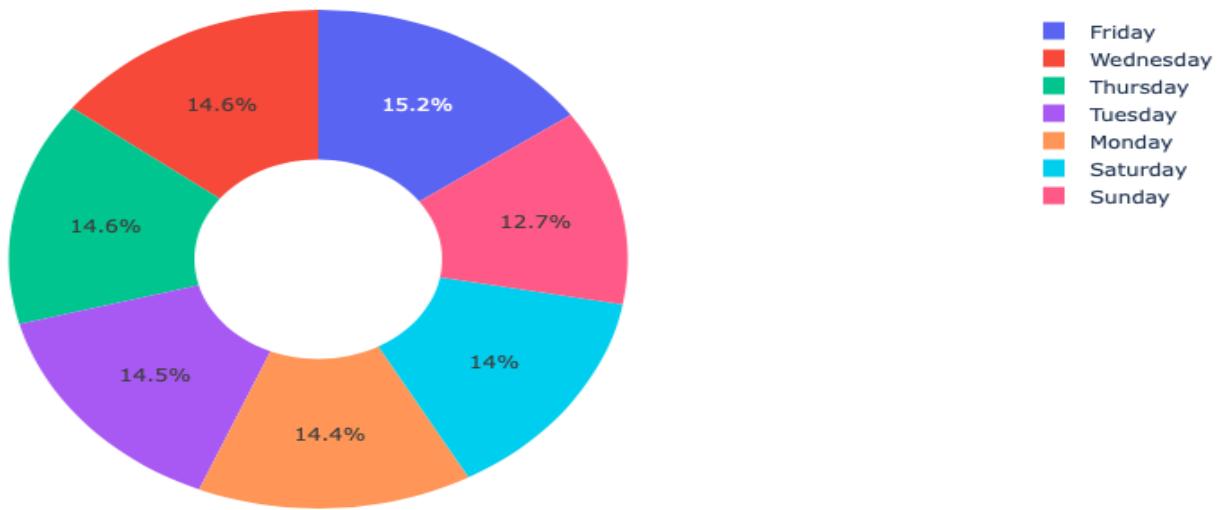
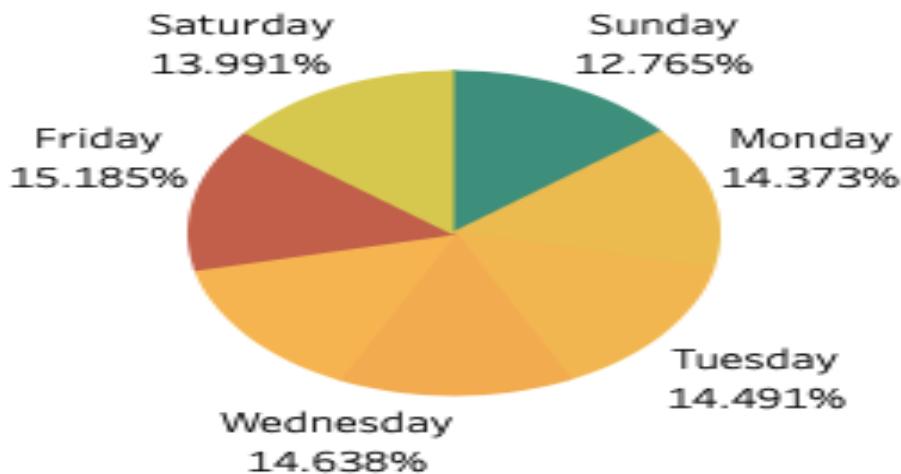
3. Major Crime in Boston Per Month

Crimes in Boston Per Month



In the month of July and August the Crime rate is very high in Boston.

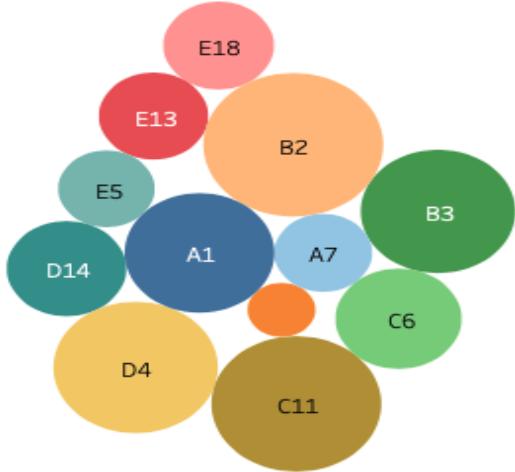
4. Major Crime in Boston Per Day



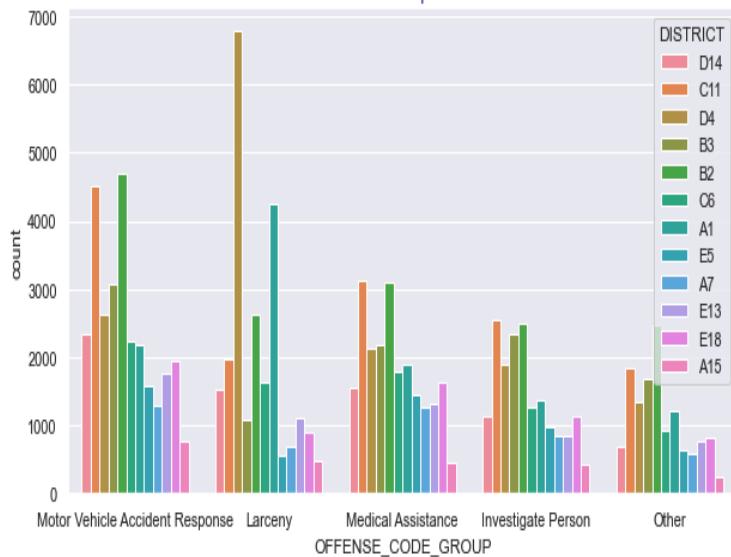
Crime rate is high on Friday in Boston. It seems that the crime was triggered by the fact that many people were out on Friday night due to Saturday being a holiday. Other days there is no significant difference, but Sunday has the lowest rate. Also, the fact that most of the people spend their Sunday at home may be a factor that reduces crime.

5. District wise Crime in Boston

District wise Crime in Boston



Number of Crime Group For Each District



B2,C11,D4 and A1 districts has the majority crime numbers in Motor Vehicle Accident, and Larcency.