



# Deliverable 1

## Team 3:

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**Shivangi**

**Showndarya Madhavan**



### **Question tackled**

**What is the rate of gun violence in District 4? How does this compare to the rest of the city?**

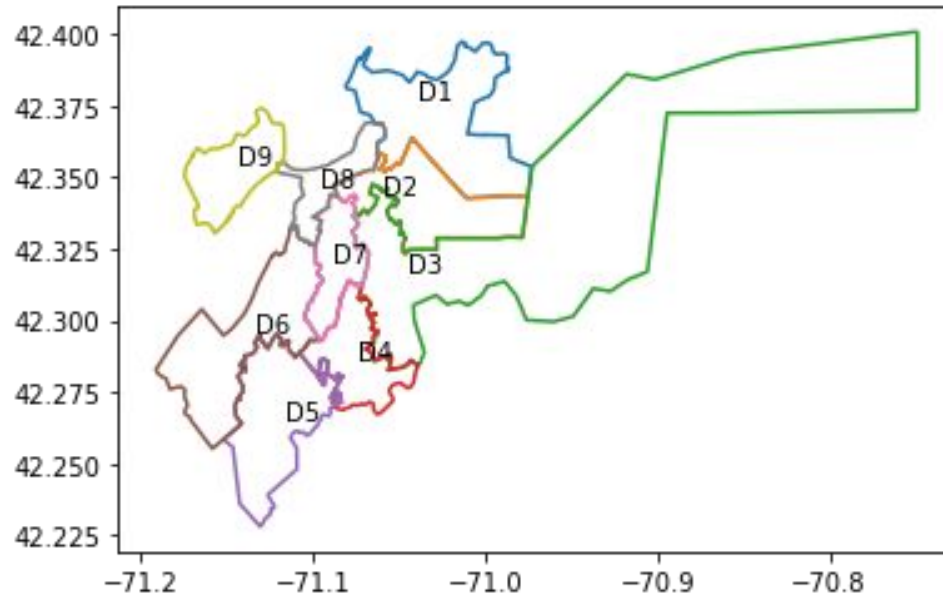
### **Time period of work done**

**24th February - 1st March, 2023**

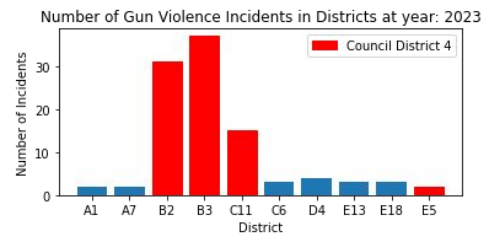
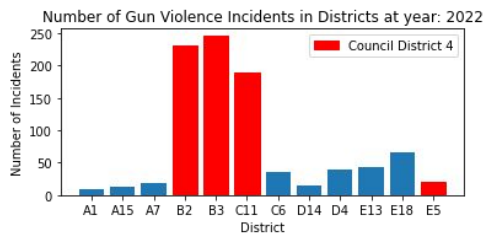
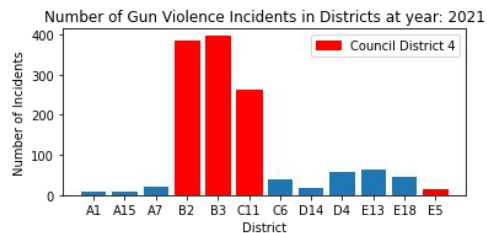
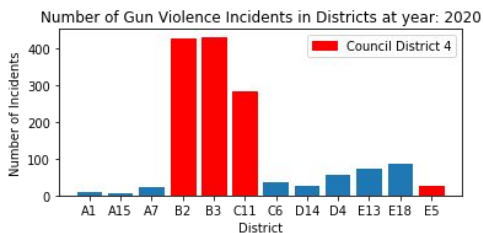
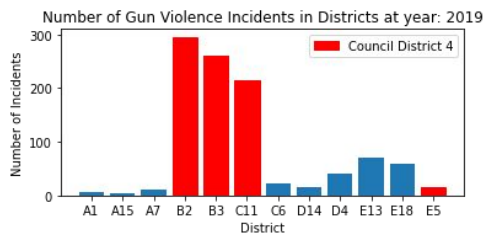
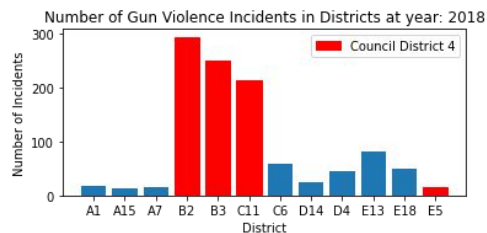
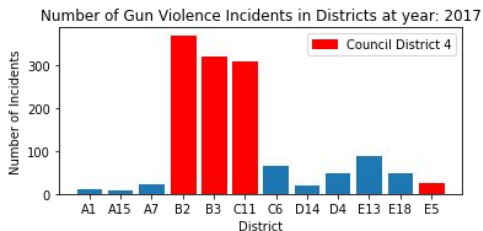
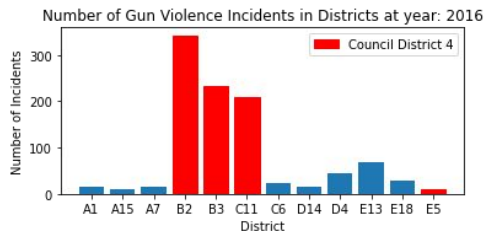
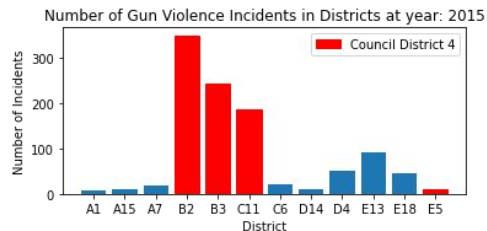
### **Assumption made**

**District 4 is made up of Boston Police Districts B2, B3, C11 and E5**

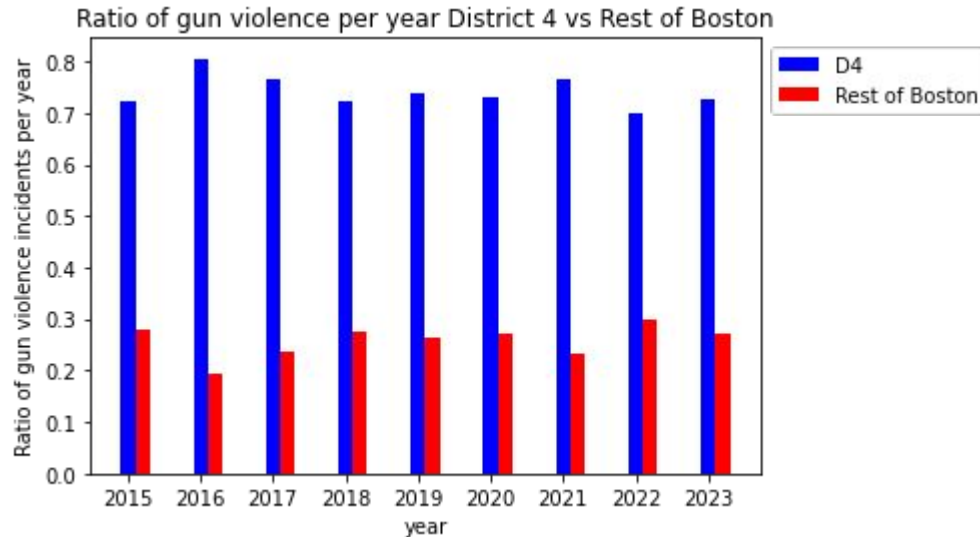
# City council Shapefile dataset validation



# Rate of Gun Violence Incidents for Districts per Year

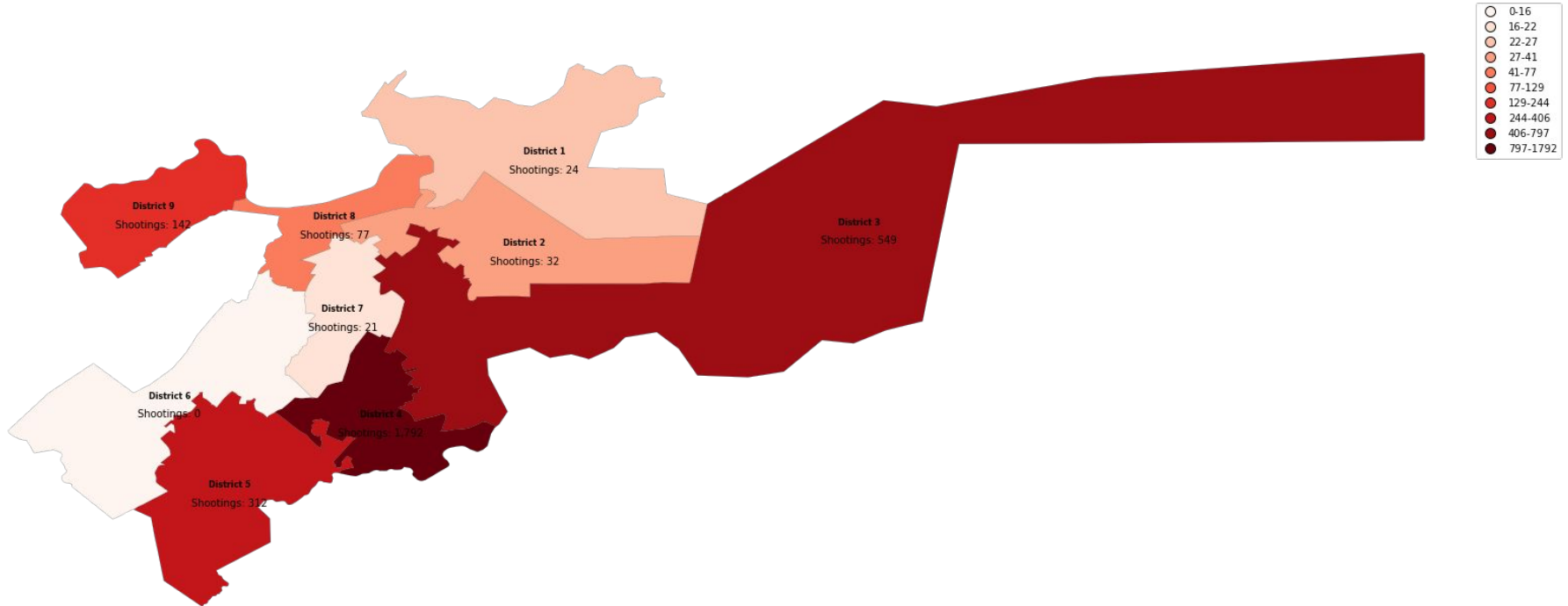


# Ratio of Gun Violence in D4 vs Rest of Boston per year

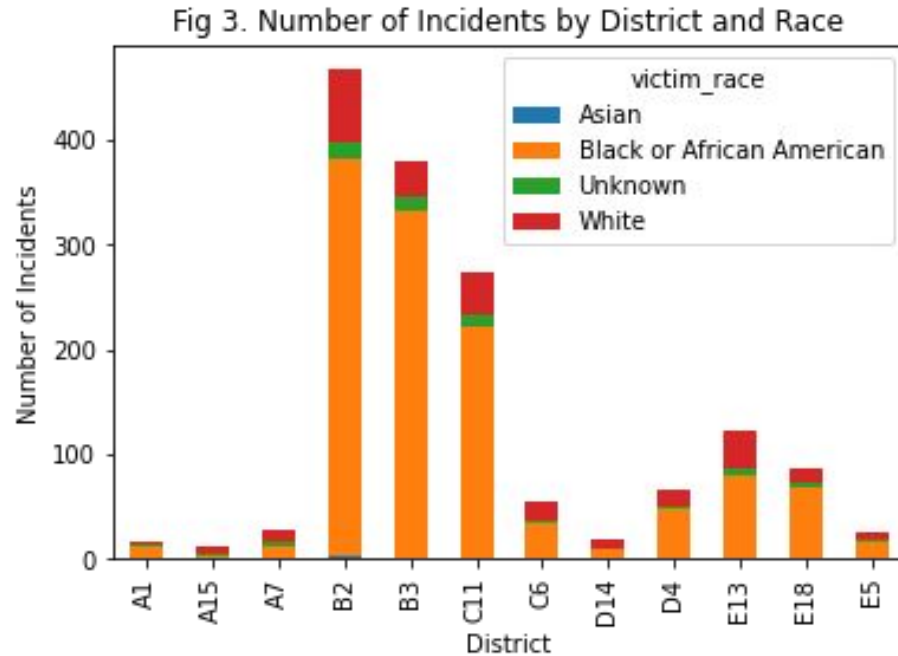


# District wise intensity of gun violence w.r.t incidents count

Shootings in Boston

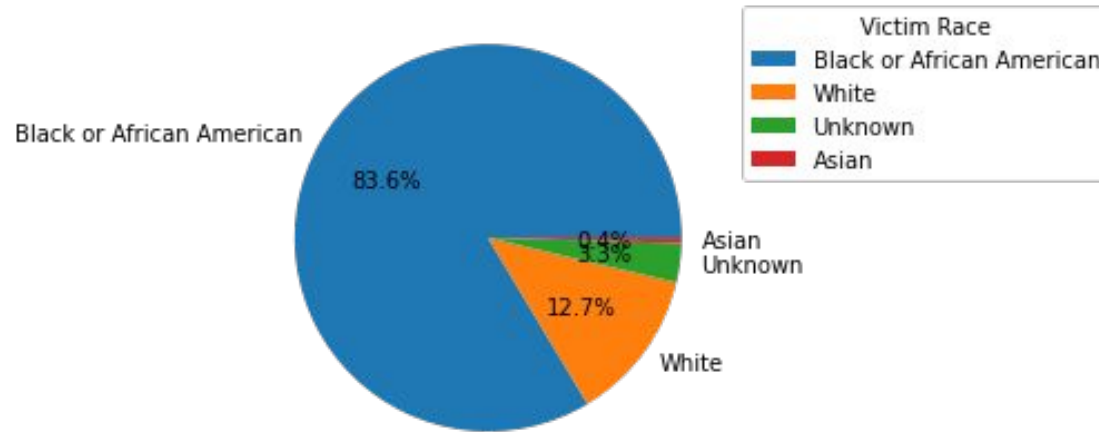


# Number of Incidents by District and Race



# Percentage of Shooting Incidents by Victim Race

Fig 4. Percentage of Shooting Incidents by Victim Race







**Questions?**