

Weekly Project SCRUM Report
Date: Feb. 21st, 2023
Project Name: Gun Violence - SP23
Team Members: Sai Surya Varshith, Hitanshi Jain, Peiying Ye, Yuhe Bian
<p>Tasks Completed This Week:</p> <ul style="list-style-type: none"> <li>- Explored more on the demography of Boston – Peiying</li> <li>- Analyzing the data and identify trends in gun violence incidents – Peiying</li> <li>- Collect the data of the drivers and gun of violence in District 4-Yuhe Bian</li> <li>- Comparison the data to the rest of the city–Yuhe Bian</li> <li>- Analyze the effectiveness of existing programs meant to help or curb gun violence in District 4 and the city of Boston - Hitanshi Jain</li> <li>- Understand the implication of certain factors like the crowd, poverty, police presence, etc, on the chances of gun incidents happening at a specific location. - Hitanshi Jain and Sai Surya Varshith</li> <li>- Understood what the difficult and impending questions of our project are – Everyone</li> <li>- Explored given data sources and understood the trends in the datasets -Sai Surya Varshith</li> <li>- Attended meeting with Project Manager - Everyone</li> <li>- Selected 2 &amp; 3 questions form Part -1 - Everyone</li> <li>- What is the rate of gun violence in District 4? How does this compare to the rest of the city? (2)</li> <li>- Are there patterns of violence in terms of location in District 4? How does this compare to the rest of the city? (3)</li> </ul>
<p>Plans for Next Week:</p> <ul style="list-style-type: none"> <li>- Meeting with the manager and within the team to discuss project goals and identify potential data sources. - Sai Surya Varshith</li> <li>- Pre-process a preliminary batch of data-Yuhe Bian</li> <li>- Try some clustering and classification methods taught in class on our datasets – Peiying</li> <li>- Perform preliminary analysis of the data - Hitanshi Jain</li> </ul>

- Put together the research progress of this week and perform final analysis. - Everyone
- Discuss how to separate our tasks with more details - Everyone
- Work on deliverable one together– Everyone

Obstacles and Questions:

- Trying to figure out why gun violence is extremely severe in some specific districts
- Figure out how to combine our analysis with the real-world scenario
- The data set is really big with multiple features, and we need to figure out the crucial parts

Met with the client recently? When is the next meeting with the client?:

- We had a meeting with the client on 16th Feb 2023. The following meeting dates are yet to be decided.