

Weekly Project SCRUM Report
Date: 9th Feb 2023
Project Name: Gun Violence - SP23
Team: 3
Team Members: Brian Mahabir, Sarah Bonna, Shivangi, Showndarya Madhavan
<p>Tasks Completed This Week:</p> <p>Intra-team introduction call</p> <p>Cloned git repository to local environment</p>
<p>Plans for Next Week:</p> <p>Plan on milestones for delivery</p> <p>Set up development environment</p> <p>Explore the data</p>
<p>Obstacles and Questions:</p> <p>Putting together the various datasets to make sense of the situation in general will be an obstacle, as we need to find a common ground to correlate these datasets.</p> <p>What exactly are the clients expecting out of this project? What questions do they want answered?</p> <p>Who is the Product Owner (who should the team be liaising with to answer any questions regarding the project)?</p>
<p>Met with the client recently? When is the next meeting with the client?:</p> <p>Not yet, pending scheduling.</p>
<p>About the project:</p> <ol style="list-style-type: none"> 1. Project focus/overall goal <ol style="list-style-type: none"> a. The project's big goal is to figure out what types of trends contribute to increased gun violence in District 4. More specifically there has been an increase in youth gun possessions. This project aims to explain these trends using data such as police presence, poverty, and population movements. As a foundation to understanding violence in District 4 the project also aims to find trends in violence at large in the US. 2. Importance of project <ol style="list-style-type: none"> a. Given the increasing trend of gun violence in the US, especially in schools, it is crucial to look at what factors have led to this trend. b. By analyzing the data to understand the drivers of gun violence in Boston's District 4, we will be contributing to the development of policies and programs that can help reduce the impact of violence in communities. 3. Type of data to collect/analyze <ol style="list-style-type: none"> a. Geo location information in the form of shapefiles of city council districts in Boston

- b. Police districts quantitative numerics, like population, police officers count, ratios
 - c. Police records of gun violence, firearm activity and school discipline records
 - d. Police reports of crime and shootings
 - e. Boston Police Department presence, schedules of patrol, police assigned to schools
 - f. Public interactions at a large scale, like in schools, transit, transit stops, pedestrians, etc.
- 4. Potential limitations of project
 - a. The dataset is distributed by a public server so the data could have been preprocessed which could affect our analysis
 - b. The datasets could be noisy or not have parameters crucial for our project's goal so trends that our team produces which don't have a clear indication in explaining increased violence is not our fault.
- 5. Next steps?
 - a. As a group:
 - i. Take a look at the dataset
 - 1. Explore the data available
 - 2. Clean up the dataset if necessary
 - 3. Process the data if possible
 - ii. Create product backlog
 - iii. Define milestones
 - iv. Create tasks based on milestones
 - b. Individually:
 - i. No plans as of yet, we are planning on understanding the project, what is expected of us and getting on the same page with regards to the data before we branch out.