

Project 3 Proposal

Group Members:

- Andreas Heger
- Brittanie Fraser
- Jennifer Matsuda
- Sonny Bigler
- Tin Phat Du
- Xilonem Montoya

DataSources:

1. https://www.kaggle.com/code/jonathanbouchet/firearm-regulations-in-the-u-s/data?select=raw_data.csv
2. <https://www.kaggle.com/datasets/jameslko/gun-violence-data>
3. <https://electionlab.mit.edu/data>
4. <https://dataverse.harvard.edu/dataset.xhtml?persistentId=doi:10.7910/DVN/OKL2K1>
5. <https://everystat.org/methodology>
6. <https://www.gunviolencearchive.org/>
7. <https://giffords.org/>

Project Statement: Our project aims to look at gun incidents per capita. We'll examine the incidents in each state, incident count per capita, and firearm accessibility per state. In addition, we will extract data from kaggle.com and non-profit websites currently tracking gun violence incidents in the United States to further analyze the topic.

Responsibilities:

- ETL Process:

Each person cleaned and analyzed data to create different charts within the web page

- Visualizations/Website:

Each person assisted in transferring graphs into each web page

Website Page Breakdown:

- Web Page Design (HTML, CSS, Logo): Jennifer
- Web Page Visualization Breakdown
 - Home Page
 - Interactive Map (Leaflet): Sunny+ Jennifer
 - Incident Type Page: Drop Down Line Chart: Brittanie + Tin Phat
 - Political Lens Page
 - Interactive Map (Leaflet): Xilonem + Sonny
 - Box Chart/Bubble Chart: Sonny
 - Bar Chart: Andreas
 - Statistics Page
 - Bar Charts: Andreas
 - Radar Chart: Brittanie
- Flask API
 - Team