



Mass Shootings in America

Poonam Tashildar | April 24, 2021

2,700 +

Mass shooting victims in the last 40 years

12,000 +

Impacted directly or indirectly by gun violence





Mass Shooting definition

Mass shooting is a single attack in a public place where 3 or more people are killed. These are the incidents involving multiple victims of firearm-related violence. It is an act of public firearm violence.



What questions are answered

- Total victims in the last X years
- Most impacted locations
- Shooter's demographics
 - Race and Age
- Weapon types
- Trend



Data source

- The dataset used for this study is taken from Mother Jones, an investigative news organization. It consists of the incidents' details from 1982 to 2017, and is being updated regularly.
- Some of the key attributes of the incidents are, fatalities and injuries, location, shooter's demographics and mental health, and weapons used.



Process

- Data collection and Cleaning
- Preliminary data analysis and visualization in Jupyter Notebook
- Python Flask - Defining API Routes
- Dashboard Design
- Backend Development



Visualization Demo

Next Iteration

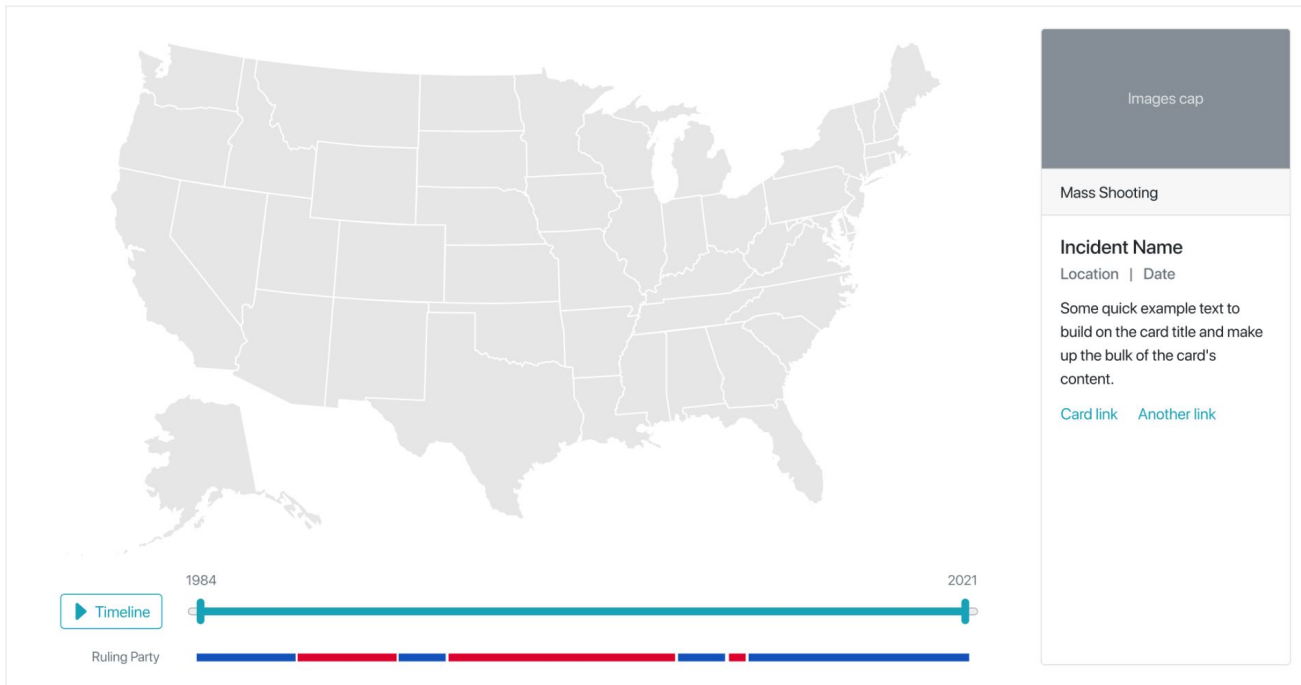
America's Gun Violence

[Map View](#)[Breakdown Chart](#)

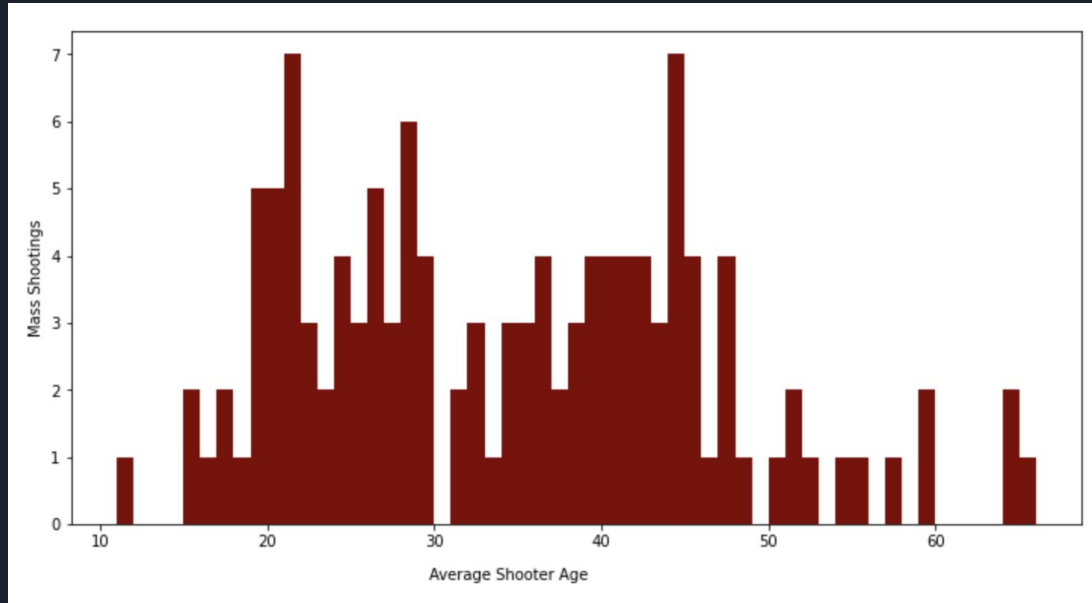
Last Updated 3 mins ago

Filter by:

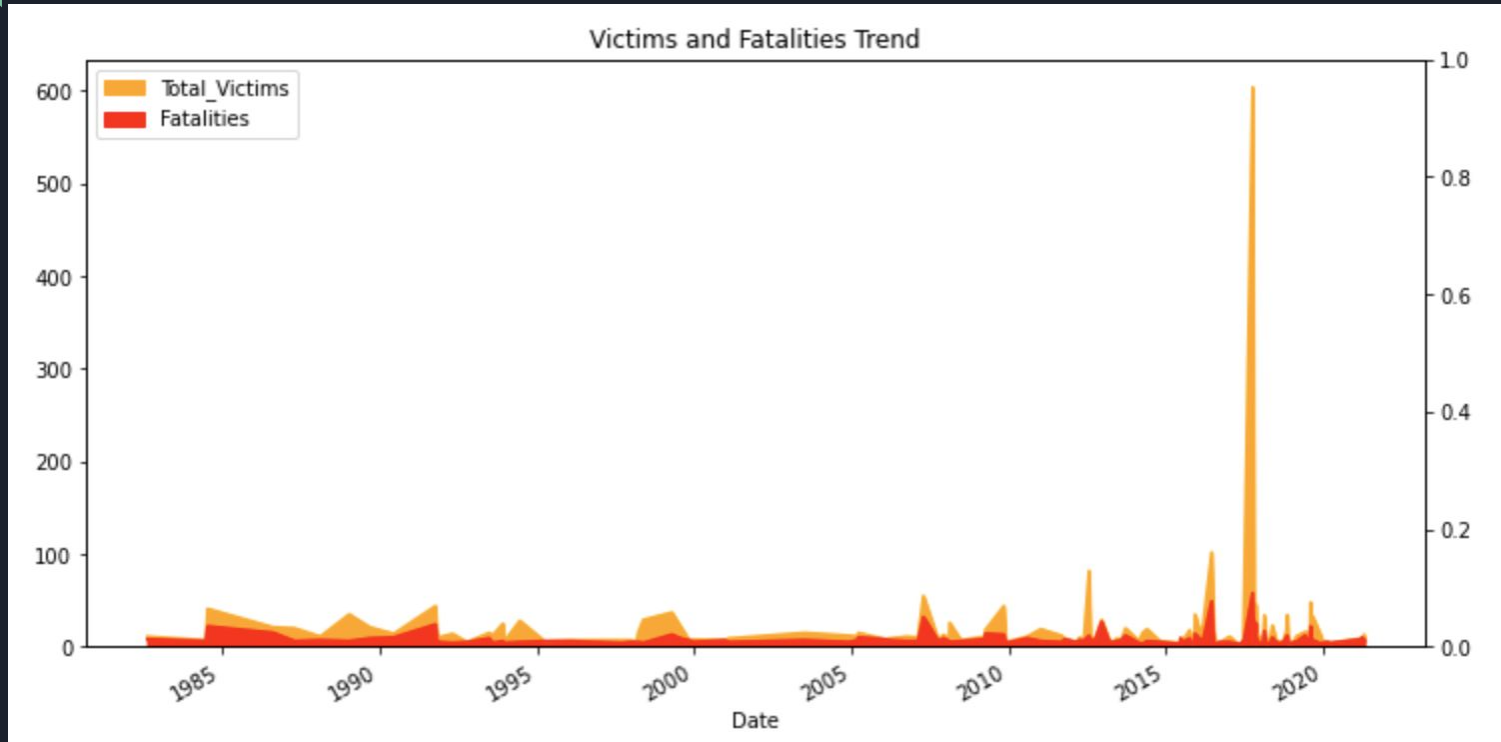
Show:

☒ All Victims☐ Fatality Only☐ Injuries Only

More Analysis



More Analysis



More Analysis

