

HATE – GUNS – MURDER: Death American Style

UofT SCS Data Analytics

Final Project

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PROJECT PROPOSAL

Project Scope

Analyze the available data on gun laws, hate groups, and homicides in the United States. Special focus will be on hate-based mass murders.

Visualization to be interactive, with users clicking/hovering/various events to change the dataset. Your project must include some level of user-driven interaction (e.g. menus, dropdowns, textboxes, etc.)

Breakdown of Questions

1. Which states have progressive gun laws?
2. Which states have hate groups?
3. Which states experience the most homicides?
4. Do poor gun laws lead to more homicides?
5. Do poor gun laws allow hate groups to flourish?

Potential Data Sources

Below are potential data sources:

1. Giffords Law Center - To Prevent Gun Violence
(<https://lawcenter.giffords.org/scorecard/>)
2. Inverse - 7 Maps to Explain U.S. Gun Control Laws, By State
(<https://www.inverse.com/article/37141-state-gun-law-maps>) – Project about measles and vaccine rates by user artichoke
3. KQED News – Are States with Tough Gun Laws Actually Safer
(<https://www.kqed.org/lowdown/6286/are-states-with-tough-gun-laws-actually-safer>)
4. Guardian News – Gun Laws in the US
(<https://www.theguardian.com/world/interactive/2013/jan/15/gun-laws-united-states>)
5. CDC - Firearms Mortality
(https://www.cdc.gov/nchs/pressroom/sosmap/firearm_mortality/firearm.htm)
6. FBI – Crime in the US (<https://ucr.fbi.gov/crime-in-the-u.s/2017/crime-in-the-u.s.-2017/tables/table-4/table-4.xls#overview>)
7. ABC News – Mass Shootings in the US (<https://www.abc15.com/news/data/mass-shootings-in-the-united-states-when-where-they-have-occurred-in-2019>)
8. Southern Poverty Law Center – Hate Groups Across the US
(<https://www.splcenter.org/hate-map>)
9. <https://www.motherjones.com/politics/2012/12/mass-shootings-mother-jones-full-data/>

Breakdown of Tasks

Updated List:

- 1) Determine specific data to be used
- 2) Determine visualization of data
- 3) Determine framework of website
- 4) Build data collection and cleanup code
- 5) Build DB
- 6) Build visualization code
- 7) Analyze and comment on visualization
- 8) Assemble website

APPROVAL AND AUTHORITY TO PROCEED

We approve the project as described above, and authorize the team to proceed.

Name	Title	Date