



US Police Violence and Racial Bias Prediction

Amanda Thomson
Niger Rowser
Shivam Mittal
Tamara Grigoryeva

GWU Data
Analytics
Bootcamp
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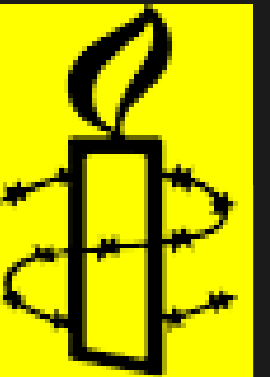
The police reflect America in all of its will and fear, and whatever we might make of this country's criminal justice policy, it cannot be said that it was imposed by a repressive minority." — Ta-Nehisi Coates, *Between the World and Me*

Why Analyze Police Violence

5 facts about police use of force in the USA

- Not one US state complies with international law and standards on the use of lethal force by police.
- In the USA, the majority of deaths at the hands of police are the result of an officer using a firearm.
- In many cases, officers have shot people multiple times, indicating use of force that was neither necessary nor proportionate. Michael Brown, for instance, who was unarmed, was shot six times.
- According to [Mapping Police Violence](#), in 2019 Black people were 24% of those killed by the police, despite being only 13% of the population.
- A 1996 law authorized the US Department of Defence to provide surplus equipment to law enforcement agencies. This has resulted in police having equipment designed for military use to be deployed at protests.

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Nigel
Rowsel



Tamara
Grigoryeva

Amanda
Thomson



Shivam
Mittal



The team

The Data Sources

- OPEN SOURCE QUALITATIVE DATA
- INTERVIEWS

- KAGGLE DATASETS ON US POLICE VIOLENCE
- MAPPING POLICE VIOLENCE PROJECT
- (POTENTIALLY) POLICE DATASETS FROM OTHER COUNTRIES

The Questions

- Shootings by race and zip code
- Signs of mental illness, age, armed
- Body camera and manner of death
- Age, gender, race, and zip code
- Heat map?
- What is the budget of the police agencies vs. shootings?
- Type of training and how often police officers are trained on de-escalation vs. shooting incidents
- Victims of police violence by race and gender charts, also armed/unarmed
- Heatmap of all the states (I think we can show geographical map in Tableau and Burn down by some colors)
- Find out the city/ state with most killings (suggest we investigate more what's up with the said state) and map the killings/ violence of the police in that city separately
- Body cam yes versus no bodycam: has that changed anything
- Questions to answer: are the police racist, is there a correlation between amount of training and police misconduct, other trends? Which race is the highest victim of the police and does the police have bias toward them?
- City with the most killings
- Pie chart comparing race/killing
- We can check by state killing and race of person killed vs police officer.
- Years of Service to killings
- Population trend (Race , Age, Criminal History)
- Improper identification Killings



Contact Information



grigoryeva.tamara@gmail.com



acfthomson@gmail.com



nigelrowser@gmail.com



mittalshivambi@gmail.com