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Final Project Proposal: Distilling fact from fiction of gun violence in America

For our final project, we plan to analyze a [data set](#) that contains all recorded gun violence incidents in the U.S. between January 2013 and March 2018. Influenced by stereotypes and systemic injustices, the mass media often misinterprets incidents of gun violence, promoting the prevalence of violent incidents in cities that have actually seen a decrease in violent crimes. In determining where the majority of these incidents occur and trends regarding the age of perpetrators, we hope to reframe our own view of the influence of gun violence in America.

We obtained our data from the Gun Violence Archive, which collects and disseminates information about gun-related violence in the US.

We have thought of six data visualization options that may allow us to view the specified data set with a new lens:

1. Map of the U.S. with shaded states based on the number of incidents (range of #s)
2. Map of the U.S. with colored dots on major cities based on the number of incidents (range of #s)
3. Histogram of the number of incidents organized by age bracket of suspect
4. Line graph of the number of incidents over time (2013-2018)
5. Histogram of the number of incidents per gender
6. Map with addresses in the city with most incidents