

Data Journalism Article about Violent Crime Across America

Author: Jiaren Liu(liujr): liujr@umich.edu, Ruoyi Gao(gaoruoyi): gaoruoyi@umich.edu

We plan to write a data journalism article on violent crime incidents in the United States. We aim to provide the audience with an intuitive understanding of how safety issues evolve over time and across different geographic locations. In addition, we hope this analysis reduces stereotypes against certain groups and helps people protect themselves by doing a statistical analysis of the victim and perpetrator on different demographic features.

We will use a dataset about fatal police shootings in the United States from github as our starting point (<https://github.com/washingtonpost/data-police-shootings/tree/master/v2>). This dataset is about violent crime incidents in the United States from 2015 to 2024. It includes demographic details for involved people and geographical information for each incident. We also plan to incorporate extra data to provide further context, for example, economic conditions across the country. For implementation, we plan to create visualizations using Altair or Matplotlib and write an article analyzing the issue, our findings, and observed trends.

Generative AI use:

After drafting this proposal, we used ChatGPT to help refine the language and enhance clarity for some single sentences.