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# MASS SHOOTINGS IN THE US FROM 1999-2019

Sheridan Kamal

# The Data

Mother Jones - Mass  
Shootings Database,  
1982 - 2020

## About the Data

The data for this project comes from a database compiled and maintained by Mother Jones. The original database contains 24 features although I have reduced the project dataset to 14 features to remove unnecessary features.

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## Incidents

Originally the database contained 118 incidents spanning 1982 to present day, setting the time range from 1999 to 2019 reduces the number of incidents to 91.

# Layout

Webpage/Narrative Style

Background color - Grey

Text style - Sans-serif

Two decades of Mass Shootings, 1999 to 2019

Sheridan Kamal

Text - Intro, about data, def of "mass shooting"

Incident Map

Text - Conclusion from map, transition to location type

Location Type - Tree Map

Text - Conclusion from type, transition to timeline

Timeline

Text - Conclusion from timeline, look at vic count by case

Cases - Tree Map

Text - Shift to focus, why focus on shooter demographic

Demographic Waffle Charts

Text - Conclusion from demographic, overall conclusions

# Elements

## Visuals

Map - Incident map of the 91 incidents

Tree map (2) - Shooting type measured by total victim count, Incident organized by total victim count

Timeline (2) - Incident timeline, broken into 2 decades

Waffle chart (2) - Shooter's race, Shooter's gender

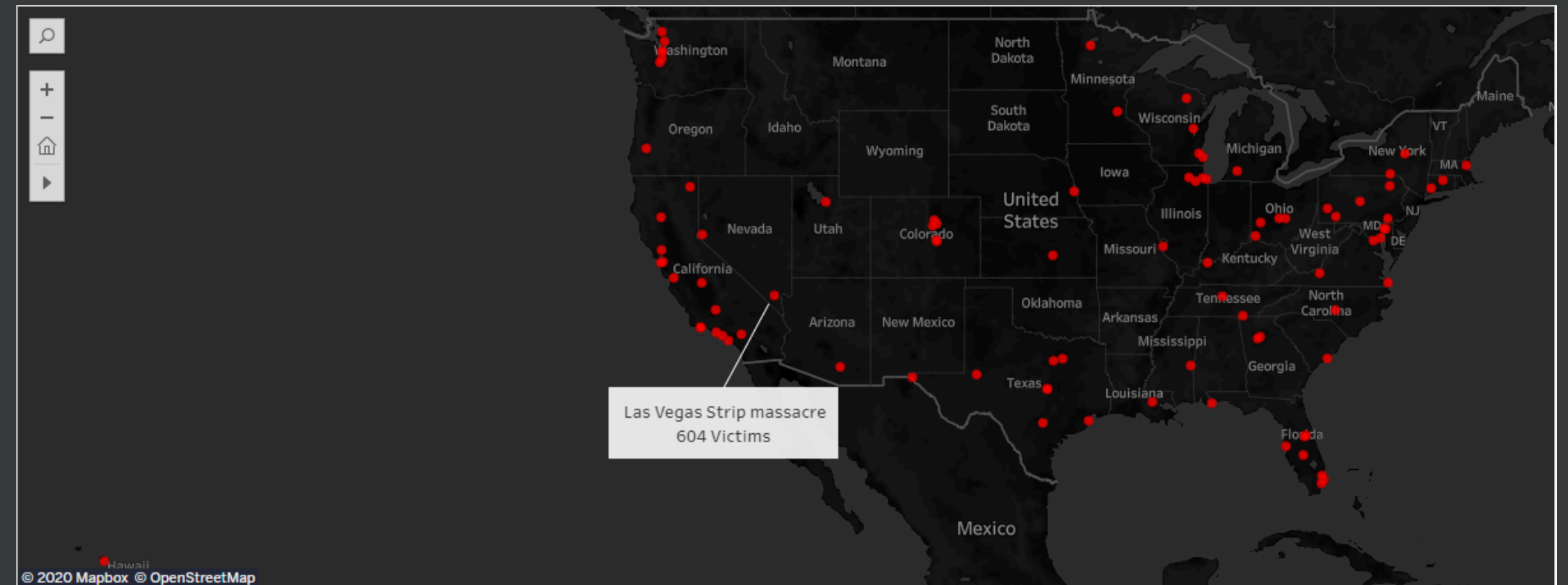
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## Text

Text is used to supplant and summarize the visuals for the narrative as well as provide any background on how to analyze the visuals or reason for visual.

# Incident Map

- 91 points each refer to a mass shooting incident
- Tooltip - Year, Incident name, Total victims, Summary
- Circle fill red
- Annotation on incident with highest total victim count



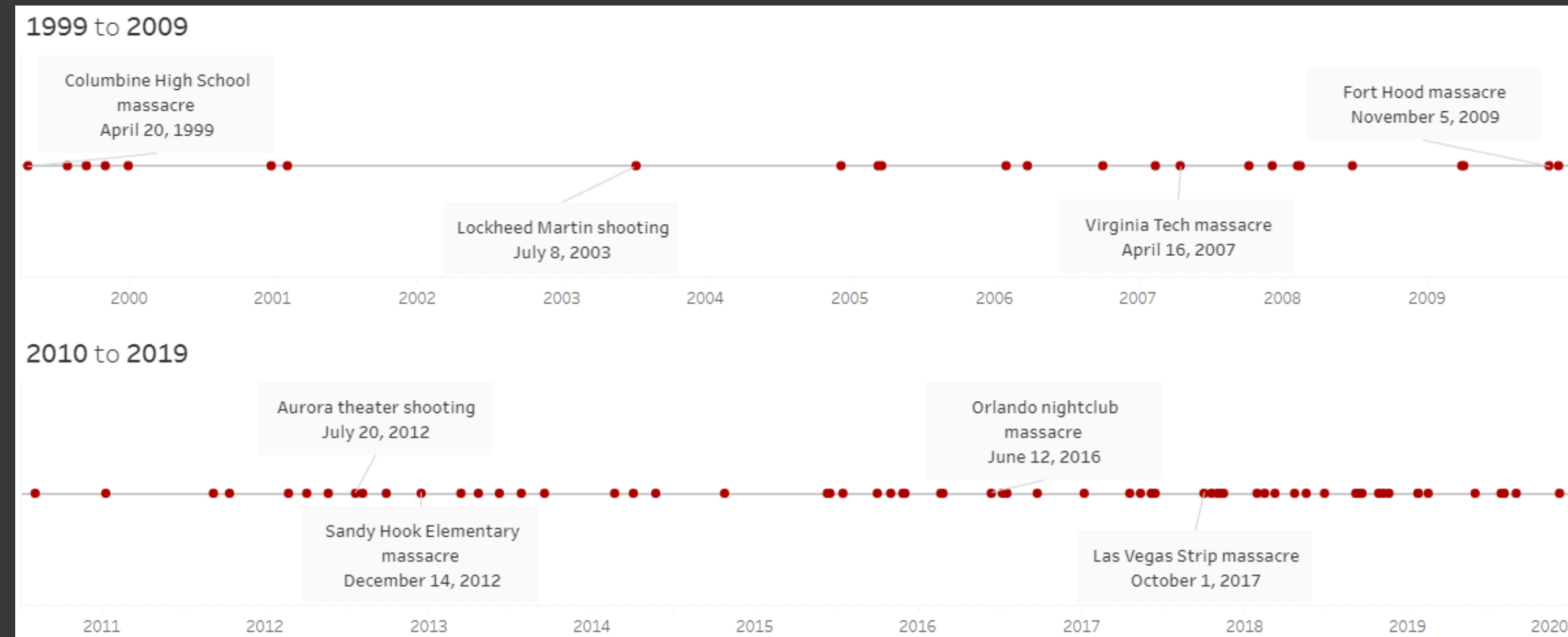
# Shooting Type

- Size based on total victim count
- Tooltip - Shooting type, Number of incidents, Total number of victims
- Rect fill red
- Used to see which locations have the most victims and the most incidents



# Timelines

- Broken into 2 decades for visual impact
- Circle fill red
- Tooltip - Short summary of incident including Incident name, Date, Victims, and Shooter
- Annotate major shooting incidents
- Used to compare first decade to second decade



# Incidents

- Size based on total victim count attributed to incident
- Label - Incident, Number victims killed, Number victims injured
- Rect fill red
- Tooltip - Short summary of incident including Incident name, Date, Victims
- Used to see impact of individual mass shooting incidents





# Demographics

- Side by side for impact
- Racial analysis mainly for comparison of Black and White shooters
- Racial analysis colors are distinctive (brown = Black, peach = White, purple = Other)
- Gender analysis colors match expected colors (blue = Male, pink = Female, dark gray = Both)

