

Project Title

- Mass Shootings

Team Members

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Project Description/Outline

- There is a huge amount of growth in Mass Shootings across the United States. We decided that it would be important to take a deeper dive into the data surrounding the issue. We will be using data to find similarities within the information provided and use Data Visualizations to show key points that we discover.

Track

- Dashboard

Datasets to be used

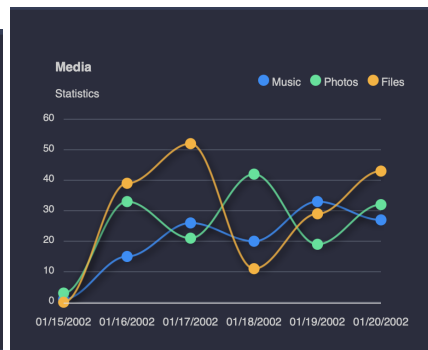
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            "Location": "Austin, Texas",
            "City": "Austin",
            "State": "Texas",
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            "Number of Civilian Injured": 30,
            "Number of Enforcement Fatalities": 0,
            "Number of Enforcement Injured": 0,
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            "Total Number of Victims": 31,
            "Description": "On November 12, 1966, an 18-year-old high school student entered the Rose-Mar College of Beauty in Mesa, Arizona, ordering his victims to lay on the ground in a circle. The gunman shot and killed four women and a child and injured another woman and an infant. He considered a few sites, like his school, where he thought of wiping out the teachers. Finally, he settled on the Rose-Mar College of Beauty, where he thought he'd get a nice large group of victims."
          }
        }
      ]
    }
  }
}
```

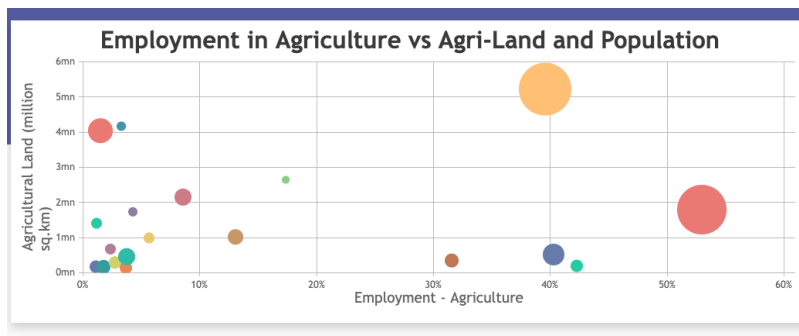
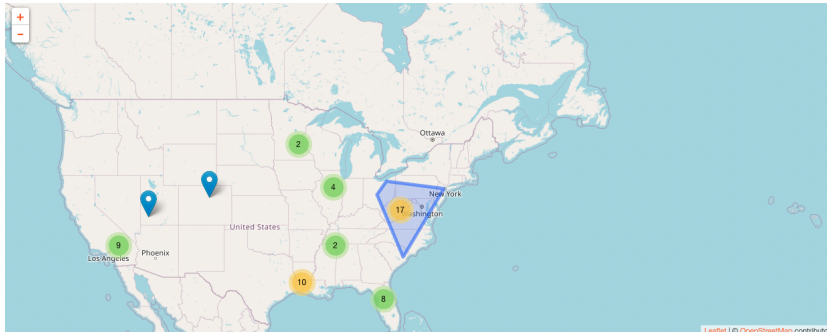
CaseID	Title	Location	City	State	Fatalities	Victims
1	University of Texas at Austin	Austin, Texas	Austin	Texas	1	31
2	Rose-Mar College of Beauty	Mesa, Arizona	Mesa	Arizona	5	21.3
3	New Orleans Police Shootings	New Orleans, Louisiana	New Orleans	Louisiana	30	
4	Clare Barton Elementary School	Chicago, Illinois	Chicago	Illinois	41	
5	Glean High School	Glean, New York	Glean	New York	42	
6	Los Angeles Computer Learning Center	Los Angeles, California	Los Angeles	California	34	
7	Cal State Fullerton	Fullerton, California	Fullerton	California	33	
8	Grover Cleveland Elementary School	San Diego, California	San Diego	California	32	
9	University of South Carolina	Columbia, South Carolina	Columbia	South Carolina	34	
10	Valley High School	Las Vegas, Nevada	Las Vegas	Nevada	36	
11	Welding shop in Miami	Miami, Florida	Miami	Florida	25	

- Census API
- https://www.kaggle.com/code/residentmario/exploring-mass-shooting-events/data?select=mass_shooting_events_stanford_msa_release_06142016.csv
- https://www.kaggle.com/code/residentmario/exploring-mass-shooting-events/data?select=mass_shooting_events_stanford_msa_release_06142016.geojson

Visualization Examples

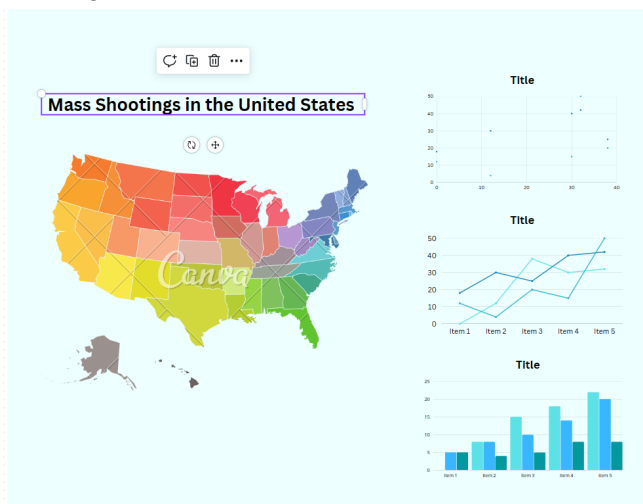


- [ApexCharts](#)



canvas.js

Sketch of design



Link to GitHub: <https://github.com/maproctor95/Mass-Shootings>

Rough breakdown of tasks

Collect and format Data	
Create a page to show visualizations with new javascript library	
4 Visualizations and app set up with user input	
Write up a summary	
Make Presentation	