

GROUP 3. PROJECT 3. PROPOSAL.

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Daniel Hall
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OVERVIEW

Our team has elected to do our project on Death Penalty Executions in the US. We look to explore how the number of executions changes over time, and how demographics reflect social structures in the US.

Primary dataset:

- we will use the "Executions in the United States, 1976-2016" dataset on Kaggle.com
- <https://www.kaggle.com/datasets/usdpic/execution-database/code>
- database.csv (29kB)

Roles

- Plotly: John
- Leaflet: Alex
- Flask: Daniel

Tableau Inspirations:

- Buttons instead of dropdowns
 - https://public.tableau.com/app/profile/rajasekar.alamanda/viz/ExecutionsintheUS_0/Dashboard1
- Uses bar charts with added detail to show unique values in each bin
 - <https://public.tableau.com/app/profile/ron4151/viz/ExecutionsinUS1977to2016/ExecutionsintheUS>
- Interactive visual that groups data by execution types
 - <https://public.tableau.com/app/profile/bencbradley/viz/USExecutions/Dashboard>

Supplemental Datasets for county locations:

- https://public.opendatasoft.com/explore/dataset/us-county-boundaries/export/?disjunctive.statefp&disjunctive.countyfp&disjunctive.name&disjunctive.namesad&disjunctive.stusab&disjunctive.state_name

POSSIBLE RESEARCH QUESTIONS

- Which states had the most executions?
- What execution patterns existed historically based on regions?
- How did method of execution change over time and based on regions?
- Is there a trend over time when it comes to a certain method of execution, number of executions, or demographic of the executed?
- Do factors such as age and race affect total victim count? Who was more likely to commit mass murder?
- What region in the United States are death penalties more common?

COLOR SCHEME:



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