

**Notes on app** - First im going add notes on the different charts and then I am going to outline what our story can be based on just the information in the app

- The state prediction button didnt work for me
- FEC chart -
  - is this already filtered for the senate or is this just all spending? Can we add something indicating this into the chart
  - Can we add years to the FEC chart
- Swing state contributions
  - Can we add a breakdown to this chart that adds the party?
  - Can we add a feature that shows which party won?
- Support biden by state
  - Need to take US column out
    - This throws the whole chart of because its the sum of all the contributions
- Total vep by state
  - Need to add section explaining what VEP is
  - Can we make this interactive so that it changes by year? Or just add an indicator that shows year?
- Predict top ten vep turnout by state
  - We need a year
- 2024 party predictions
  - Is this presidential or senate? We need to indicate this ‘
- 2022 election map
  - Needs an index explaining what the colors mean
- Race by population
  - Needs to be renamed
    - Racial breakdown of swing states
  - We need a hispanic column
- Quickfacts comparison
  - Rename to Demographic Comparisons
  - Can we add year/years to this?

Story that the charts in the app is telling

- The greater spender tends to win the election
  - Not true in 2016
    - In 2016 spending in swings states was way lower than in other election cycles
    - This indicates that the clinton campaign ran a bad campaign and democrats didnt spend enough in down ballot elections in swing states
- Typically democrats spend more money on elections than republicans
  - (This is interesting and i can draw a lot of conclusions from this)
    - I think we should use this fact at the end of the presentation to ask some further questions
      - For example:

- This indicates the imbalance in governance that democrats have to spend more but hold less power because of population areas and the way the senate works
- Senate vs. house spending
  - The data confirms the hypothesis that it is much harder to get into the senate than it is to get into the house of rep
    - This could explain why there are so few senators who do not accept corporate cash and dark money
      - Could explain why corporate interest is so protected in the senate and legislation fails to pass so often
    - True regardless of party
- Swing state contributions
  - We can see texas is becoming the new battle ground states in the minds of the american donors and the elite who make large contributions
  - Florida remains a very heavily invested in state
- Swing state margins (**is this presidential or senate, its important to indicate this**)
  - Florida has become much redder and the margin of victory may soon be too great for democrats to overcome in a statewide election
  - The victory in arizona was razor thin
    - This is interesting in terms of demographics, well return to this later
  - Georgia was also a razor thin margin
  - Michigan is solid blue but becoming redder as the margin of victory for democrats lessens
  - Minnesota was won by a very thin margin in 2016 by republicans
    - When we take into account swing state spending in 2016, we can understand why dems may have lost in minnesota
  - Nevada and new hampshire have a solid blue lean
  - North carolina has a republican lean, but is not unwinnable for democrats
  - Pennsylvania truly is a toss up
  - Texas appears solid red by the numbers but continue to pull in the most money
    - Could indicate bad voter rights laws
    - Also could be because of how many electoral college votes they have
    - Demographics and voter turnout data could help us understand whats happening there
- Quick facts comparison
  - The hispanic population in arizona and the black population in georgia could explain the razor thin victories for democrats in 2020
    - Even if this data is based on presidential performance, we know that it impacted senate results as well, because senate elections are state wide elections and the margins of victories in those races have also been similar
  - Population density can help predict elections