

Voter Turnout Data Analysis

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Project Description/Outline:

Our goal is to create a script to help demonstrate the effects of the COVID-19 Pandemic on voter turnout, visually. We aim to create data graphics that can illustrate the change in voter turnout across many demographics, such as age, race, and income level.

Presidential voter turnout in the US is historically unequal. It has also been documented that higher-income individuals are more likely to vote than individuals who have a lower income. During the 2020 Pandemic, many people of lower income status lost their jobs and this greatly affected their access to voting. To determine whether the COVID-19 Pandemic influenced voter turnout, we will utilize data from the US Census Bureau's reports for 2016 & 2020, which also provide age, household income, and voting behavior statistics.

Research Questions:

- How has the 2020 Pandemic affected people's preferred method of voting?
- How has household income affected voter turnout and participation in the presidential elections in 2016 and 2020?
- How did the 2020 Pandemic affect voter turnout when compared across different age groups?

Datasets to be Used:

- US Census 2016 & 2020
- Associated Press Voter API

Breakdown of Tasks:

- API Keys = Everyone
- Jupyter Notebook Code = Everyone
- Presentation = Everyone
- Documentation of READ ME file = Everyone
- Coding = Everyone