

SAT

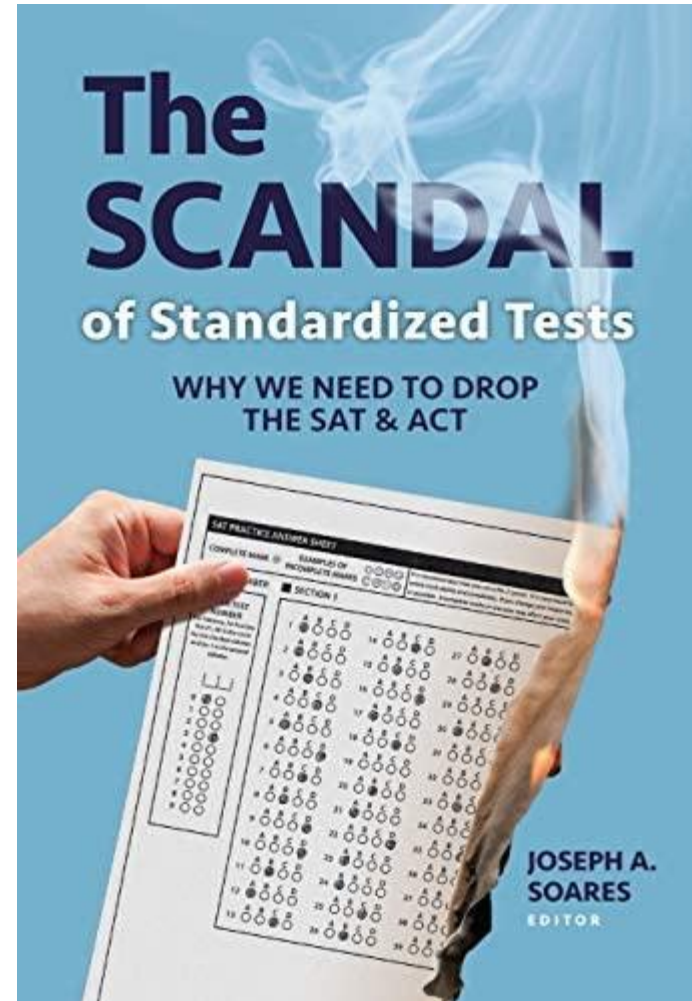
Project 1:

Analysing trends in SAT/ACT and
opportunities to increase SAT state
participation rate



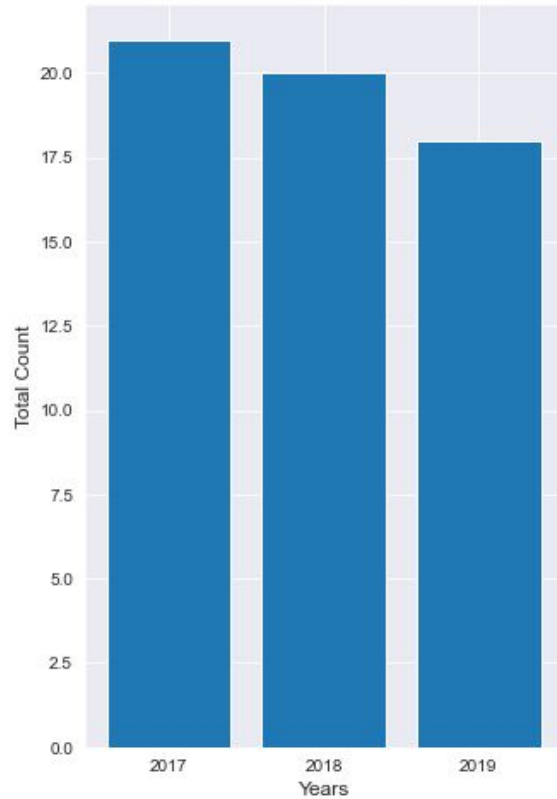
Problem Statement

- Are there a growing number of universities are waiving standardised test requirements
- Decreasing SAT state participation rate
- Unfair playing ground due to wealth disparity
- Cheating, bribery scandal



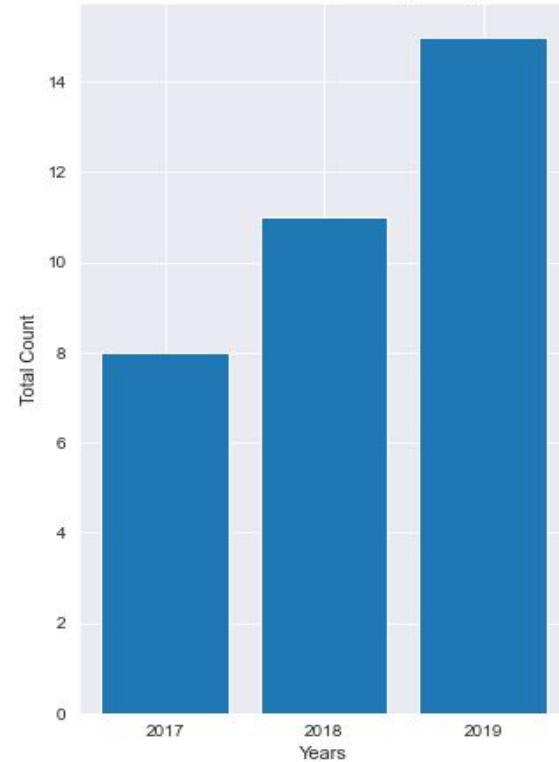
ACT

Number of States with more than 80% participation rate for ACT



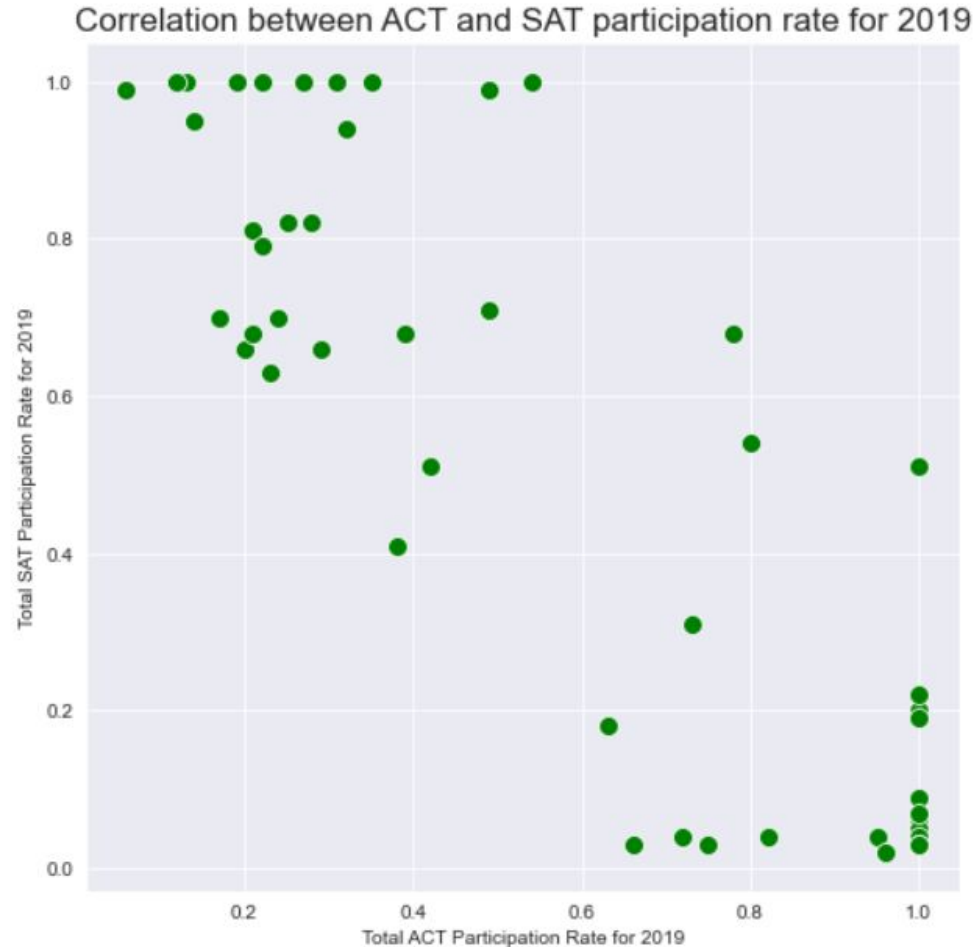
SAT

Number of States with more than 80% participation rate for SAT



SAT/ACT correlation

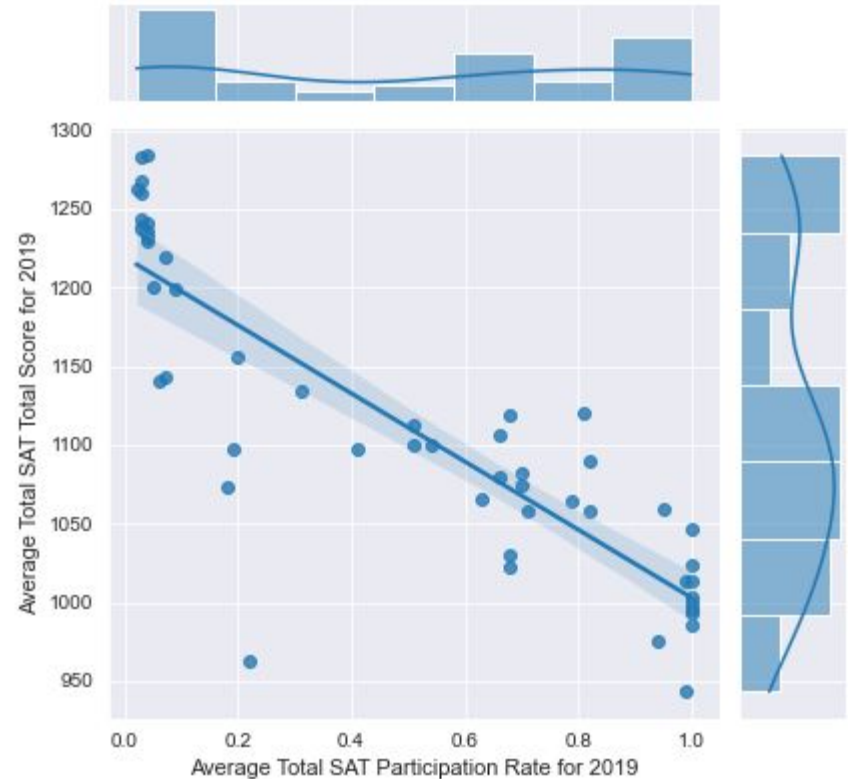
- Inverse relation
- SAT cluster around 60% to 80%
- ACT majority state have very little SAT participation



SAT and Total Score Correlation

- Inverse relationship
- Highly motivated & well prepared
- Very low SAT participation rate student score very high
- Work to improve student score to increase demand

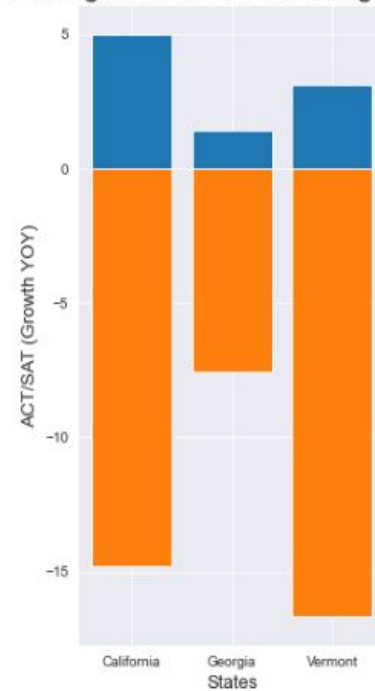
Correlation between SAT participation and total score for 2019



Recommendation

- Provide more resources such as classes that leverages on free online platform
- California State
 - Good universities
 - More than 50% participation rate

States with positive growth for SAT and negative growth for ACT



The End