

Testing is all we do!

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Problem Statement:

Based on SAT and ACT test scores and participation rates in 2017 and 2018, how can we increase participation rates in states? Which states should be targeted to raise SAT participation rates?

Simpler Problem Statement:

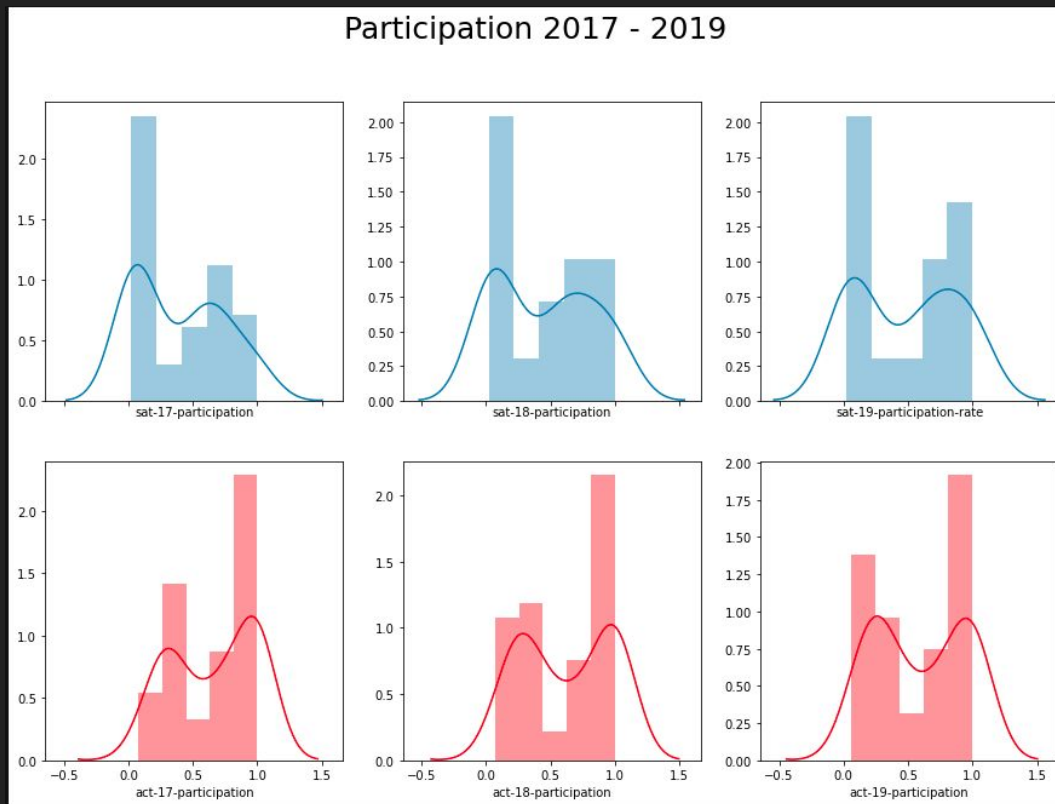
How can we increase participation rates in states? Which states should be targeted to raise SAT participation rates?

How do we lower ACT participation rates?

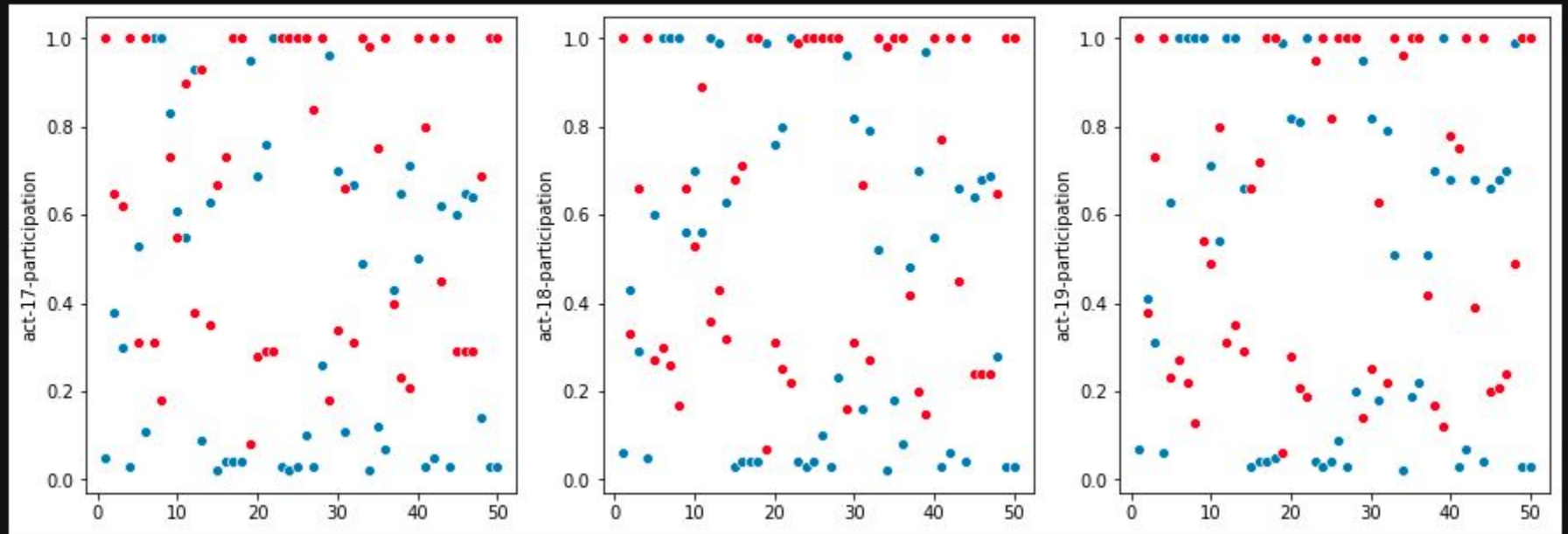
My Method:

1. Clean up our datasets
2. Visually Represent the data to show trends
3. Create Information Graphs

Participation over 3 years - Histogram



Participation over 3 years - Scatter



What's happening?

Each state government can mandate a graduation requirement which requires the SAT, ACT, or both.

Source: <https://blog.prepscholar.com/which-states-require-the-sat>

Recommendations

1. Communicate directly with state school boards
2. Reduce the cost for the test taker
3. Talk to colleges and universities