

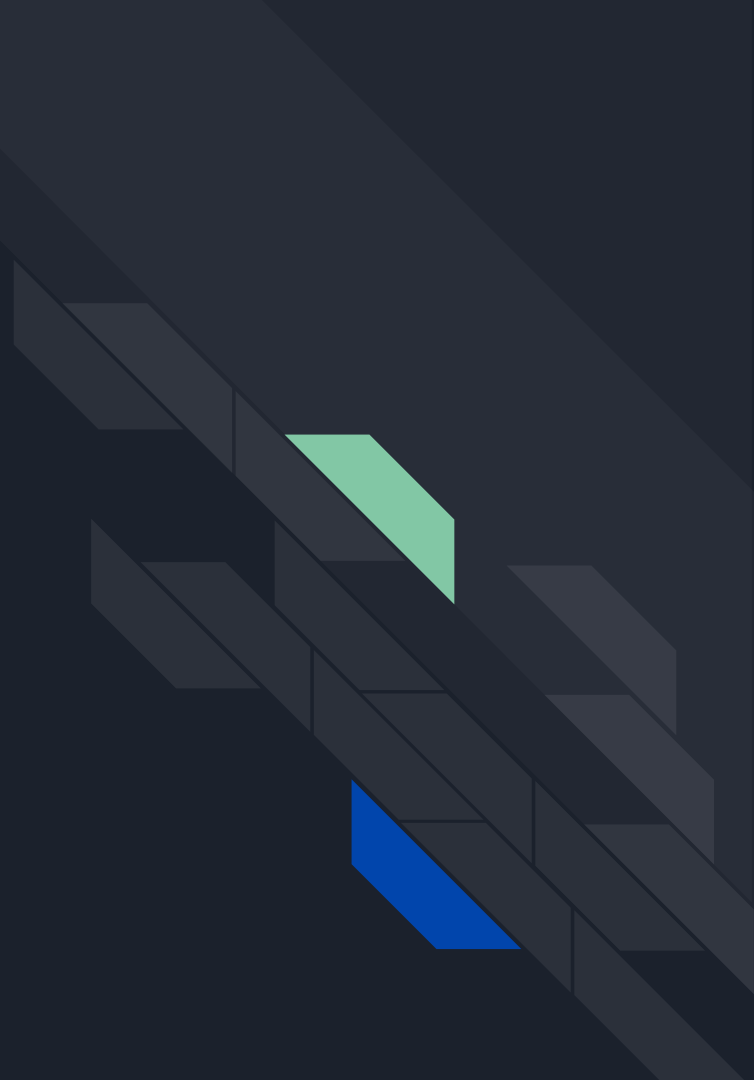
A decorative graphic on the left side of the slide consisting of two overlapping parallelograms. The front one is blue and the back one is a light green color. They are positioned diagonally, with the blue one in front of the green one.

SAT & ACT Analysis

Li Jiansheng

PROBLEM

How to increase SAT
participation rate

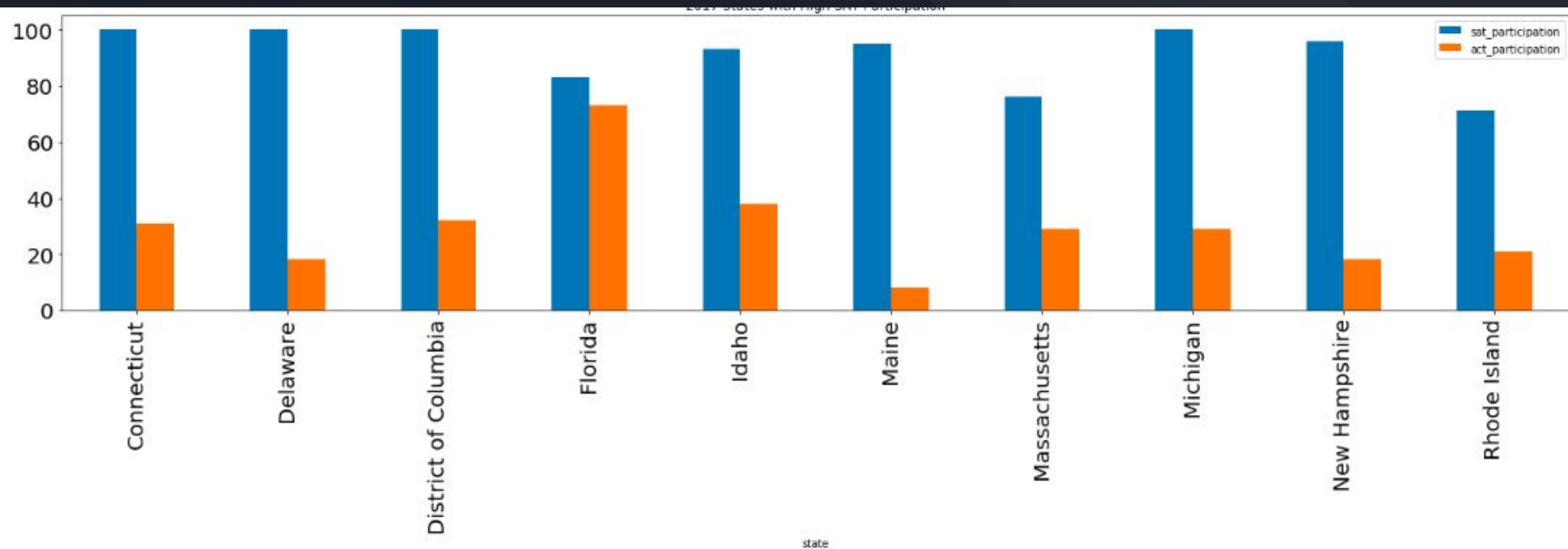


METHODOLOGY

Analyse SAT and ACT data
from 2017 and 2018

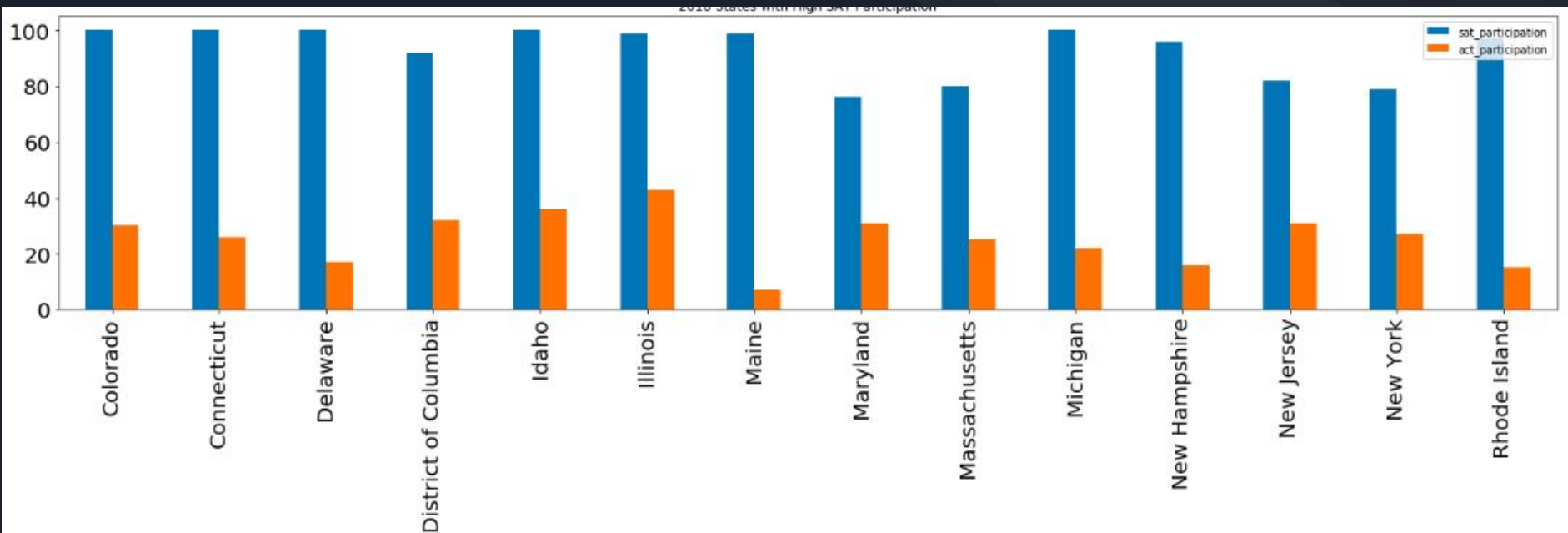


FINDINGS



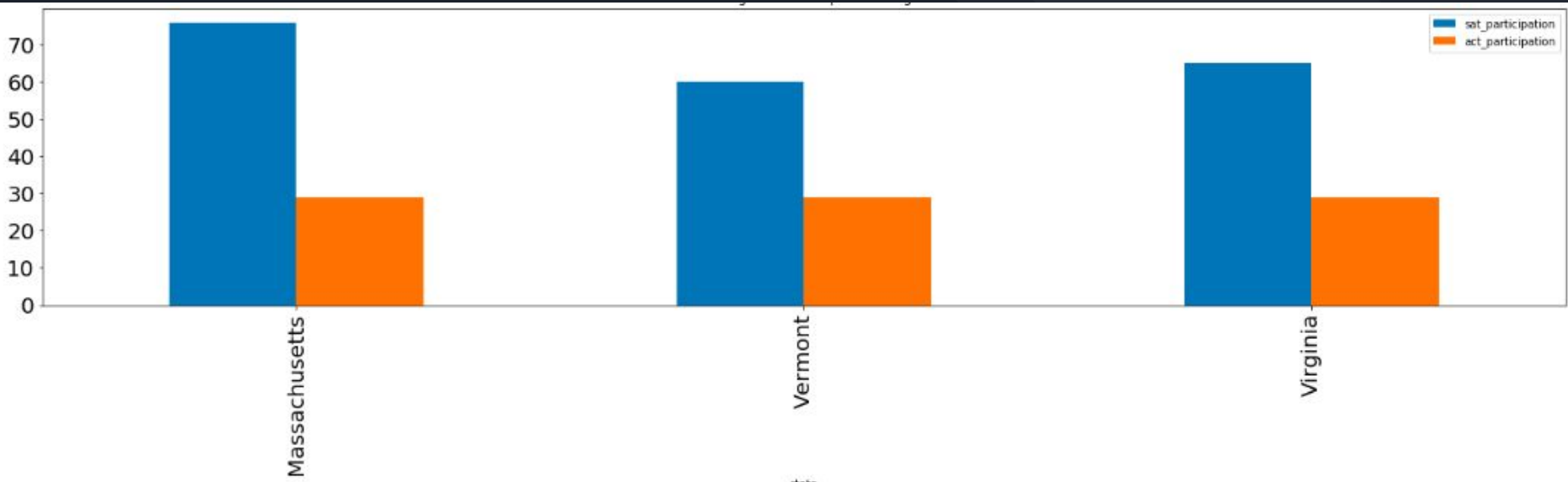
10 States with high SAT participation rate > 70% 2017

FINDINGS



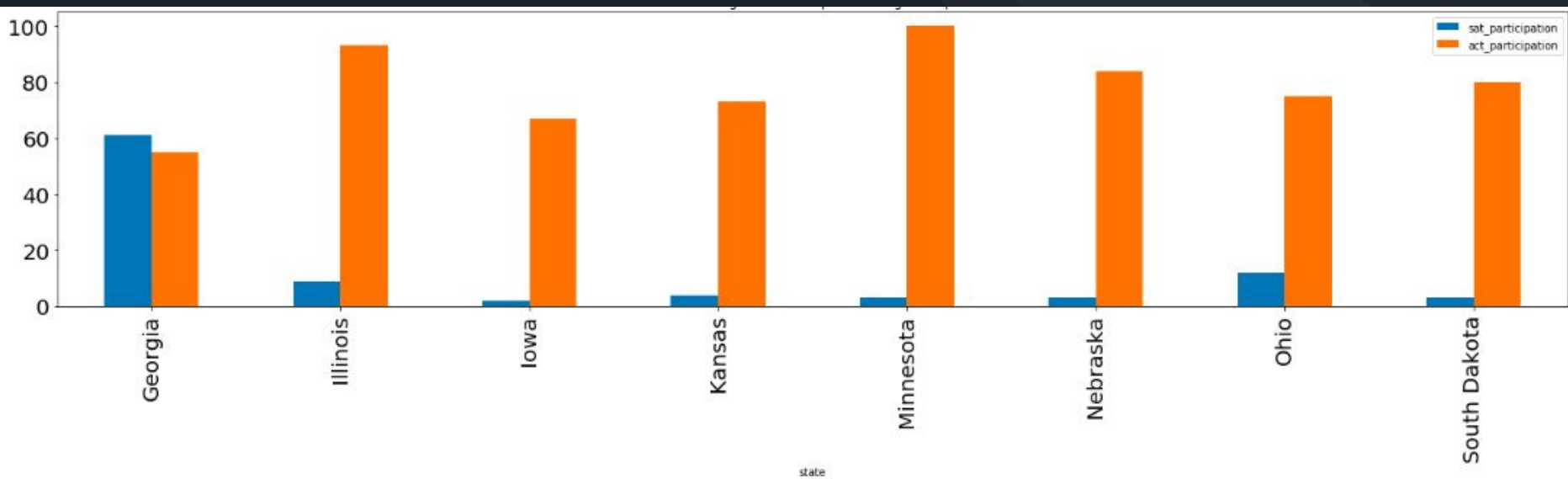
14 States with high SAT participation rate > 70% 2018

FINDINGS



3 States with high SAT participation rate > 70% with a good total score (slightly less than mean)

FINDINGS



8 States with high ACT participation rate > 70% with a good total score (more than mean) 2017

FINDINGS



6 States with high ACT participation rate > 70% with a good total score (more than mean) 2018

SUMMARY

- When SAT participation is high (more than 70%) there will still be a significant number of ACT participation.
- When ACT participation is high, SAT participation will be very low.
- There are more states with high ACT participation (more than 50%) and do well in ACT (score above mean).
- There are no states with more than 50% SAT participation and do well (score above mean). If we compare to a lower score slightly below mean score, there are only 3 states with more than 50% SAT participation. Compared to 8 for ACT.

RECOMMENDATIONS

- SAT must work closely with a State's education board to encourage them to make SAT mandatory.
- SAT may need to relook its rigour of its testing as no state with high participation actually score higher than the mean.