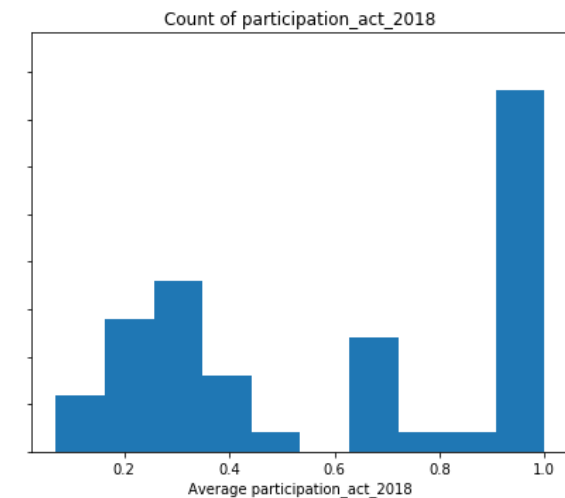
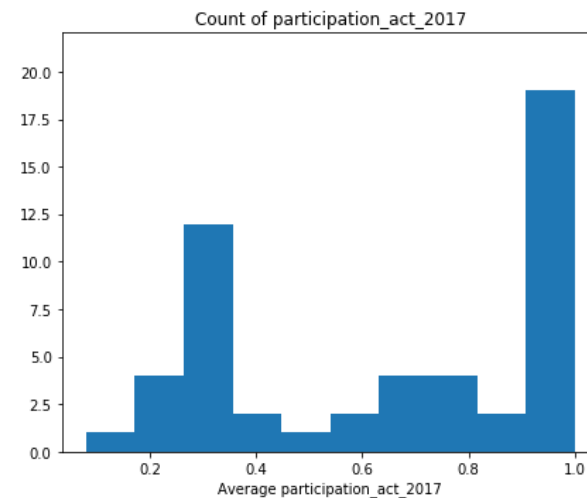
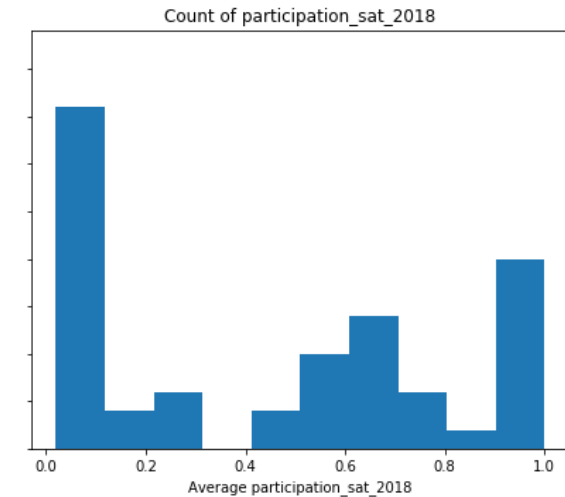
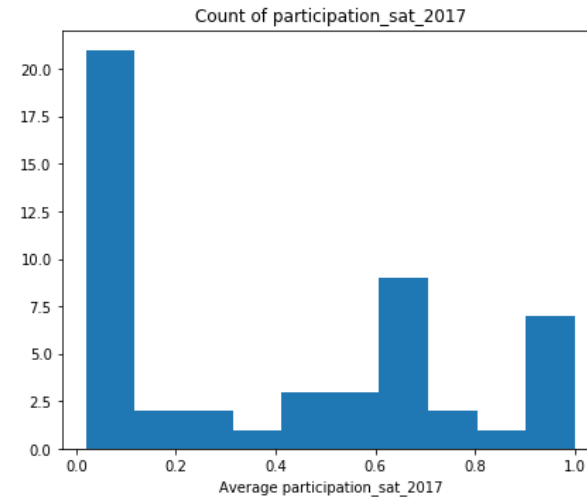


Project 1

To improve participation rates of SAT

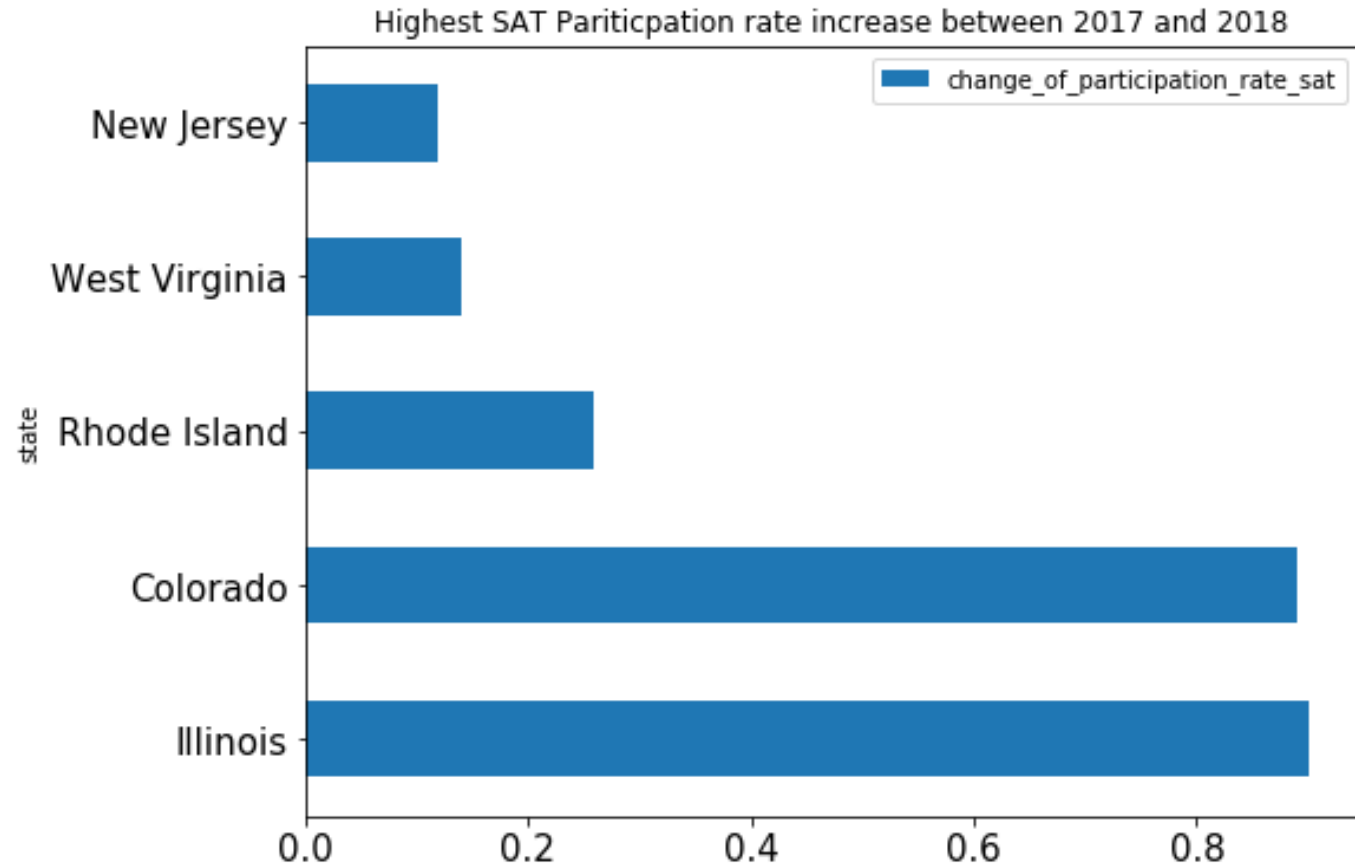
SAT vs ACT 2017 and 2018

- The ACT participation rates among states are leading SAT participation rates both in 2017 and 2018
- Mean ACT participation rate:
2017: 0.65
2018: 0.62
- Mean SAT participation rate:
2017: 0.40
2018: 0.45



SAT Participation rate increase

- The state of Illinois had the highest increase in SAT participation rate of 0.9 or **90%**
- The state of Colorado trails behind an increase of 0.89 or 89%.

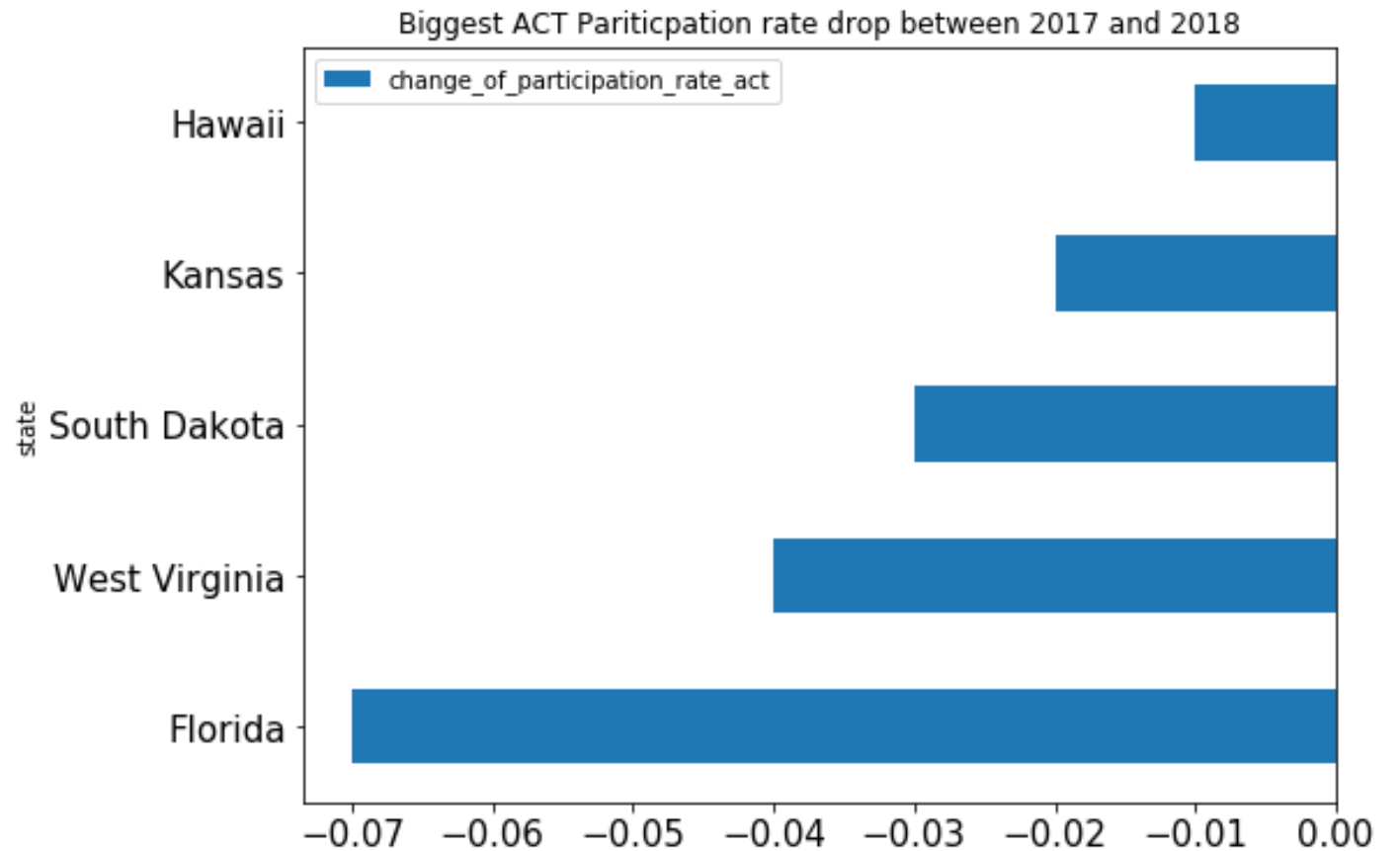


What did they do?

- 1) Making SAT mandatory
- 2) Subsidies the cost of SAT test
- 3) SAT to be held on school day

ACT Participation rate change

- The state of Florida had the biggest drop in ACT participation rate of 0.07 or **7%**
- Florida's ACT participation rate 2018 is 66%
- Florida's SAT participation rate 2018 is 56%



Which state should we choose?

- The state of Florida had the biggest drop in ACT participation rate of 0.07 or **7%**
- Florida did not mandate students to take SAT or ACT
- Florida's high school graduates population
2017: 177,707
2018: 181,306
- For comparison, 2018 have close to 2 million people taking SAT
- Florida is 1 of the states with the most number of high school graduates. A small increase in participation rate would mean larger increase in number of SAT takers as compared to smaller states.