



Chrissy Smiley

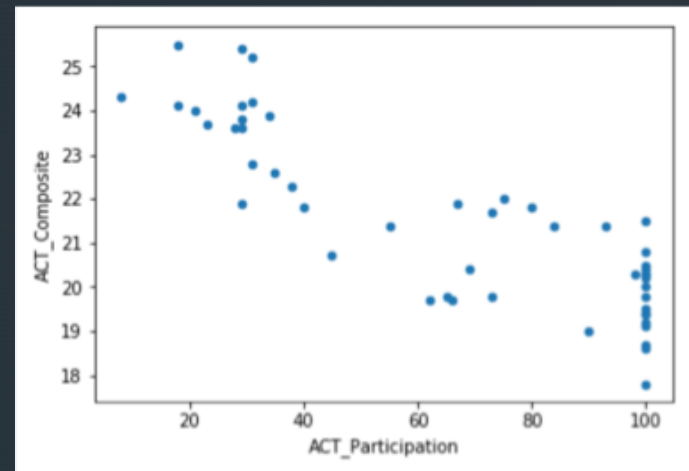
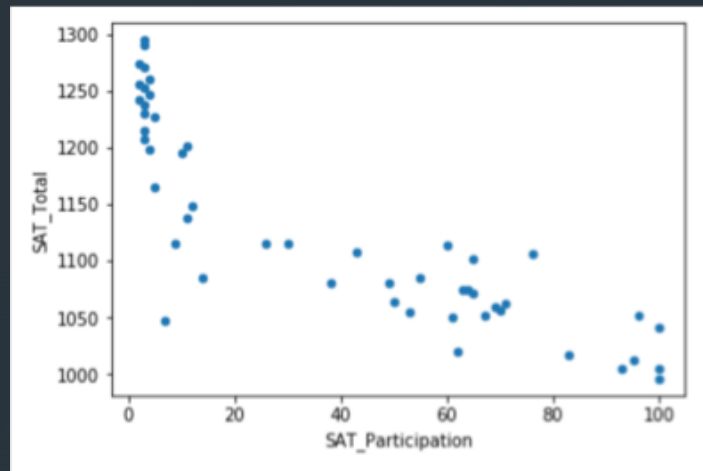
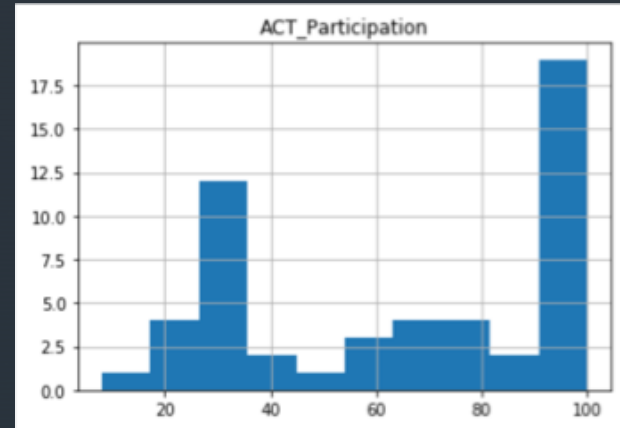
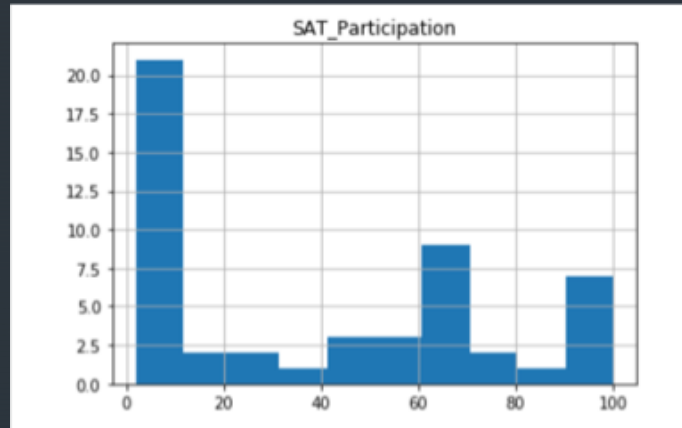
# Project 1: SAT & ACT Data

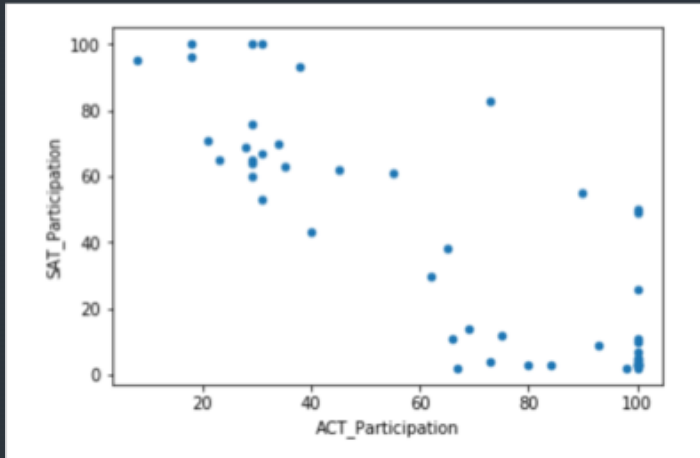


# Data

- 2 data sets: ACT & SAT, with associated values
- ACT has national score & District of Columbia
- 10 columns per state; 500 data points
- ACT includes science score and separate English and Reading, SAT combines Reading & Writing

# Observations





	State	SAT_Participation	ACT_Participation
9	Florida	83.0	73.0
10	Georgia	61.0	55.0
11	Hawaii	55.0	90.0
40	South Carolina	50.0	100.0

	State	SAT_Participation	ACT_Participation
9	Florida	83.0	73.0
12	Idaho	93.0	38.0
6	Connecticut	100.0	31.0
21	Massachusetts	76.0	29.0
22	Michigan	100.0	29.0
7	Delaware	100.0	18.0
29	New Hampshire	96.0	18.0
19	Maine	95.0	8.0

	State	SAT_Participation	ACT_Participation
11	Hawaii	55.0	90.0
40	South Carolina	50.0	100.0
33	North Carolina	49.0	100.0
28	Nevada	26.0	100.0
5	Colorado	11.0	100.0
26	Montana	10.0	100.0
13	Illinois	9.0	93.0
36	Oklahoma	7.0	100.0
0	Alabama	5.0	100.0
42	Tennessee	5.0	100.0
17	Kentucky	4.0	100.0
18	Louisiana	4.0	100.0
49	Wisconsin	3.0	100.0
44	Utah	3.0	100.0
41	South Dakota	3.0	80.0
27	Nebraska	3.0	84.0
3	Arkansas	3.0	100.0
25	Missouri	3.0	100.0
23	Minnesota	3.0	100.0
50	Wyoming	3.0	100.0
34	North Dakota	2.0	98.0
24	Mississippi	2.0	100.0

# Conclusions & Next Steps

- States with high ACT Participation seem to have low SAT Participation and vice versa; it makes sense since the tests are given in a mutually exclusive way.
- Students do have opportunities to take both tests.



# Interesting...

The SAT has a math section you cannot use a calculator for.

