

DSI : Project 1

Unstandardized Ourselves

By : Krisgun Chirasanta

README_KrisgunChirasanta.md



Name :

Krisgun Chirasanta

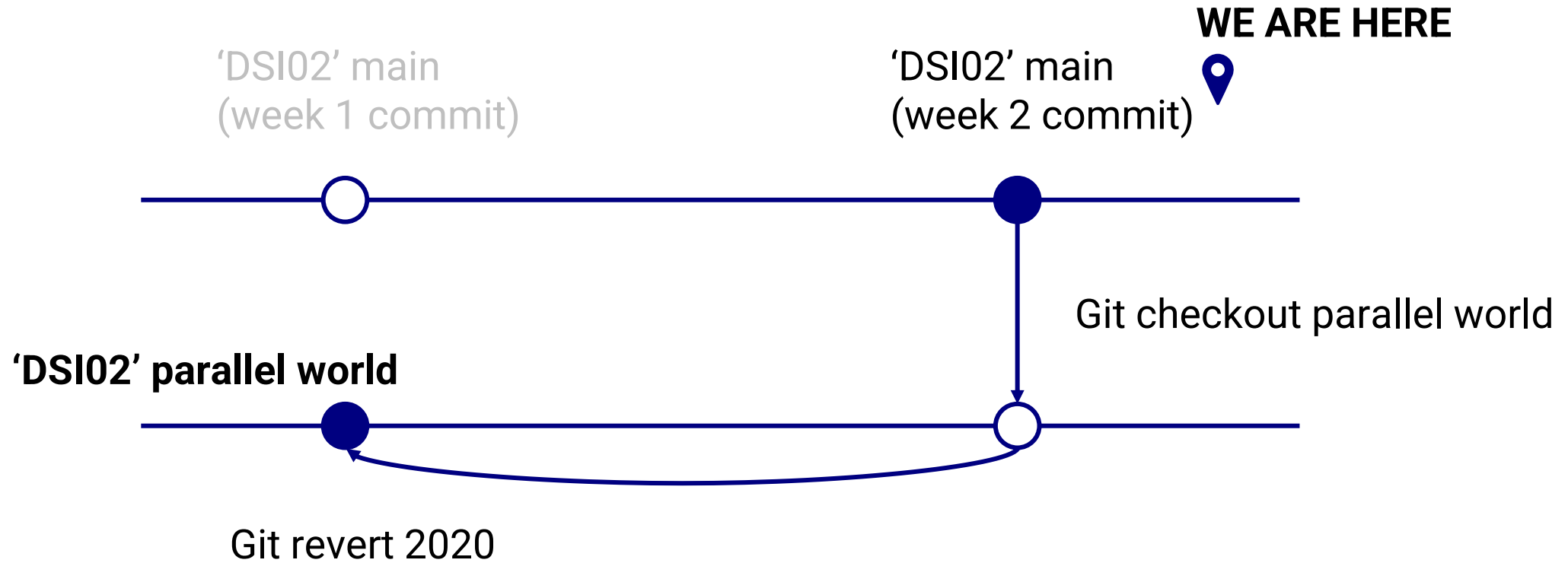
Experience :

- ☒ Engineer
- ☒ Business Analyst
- ☐ Data Scientist (Loading..)

Position in project :

Representative of student body, proposing for the extension of 'one-year test optional' college admission policy to University/College admission board members, in order to ensure fairness of opportunity for students all over the world

Project Background



Problem Statement

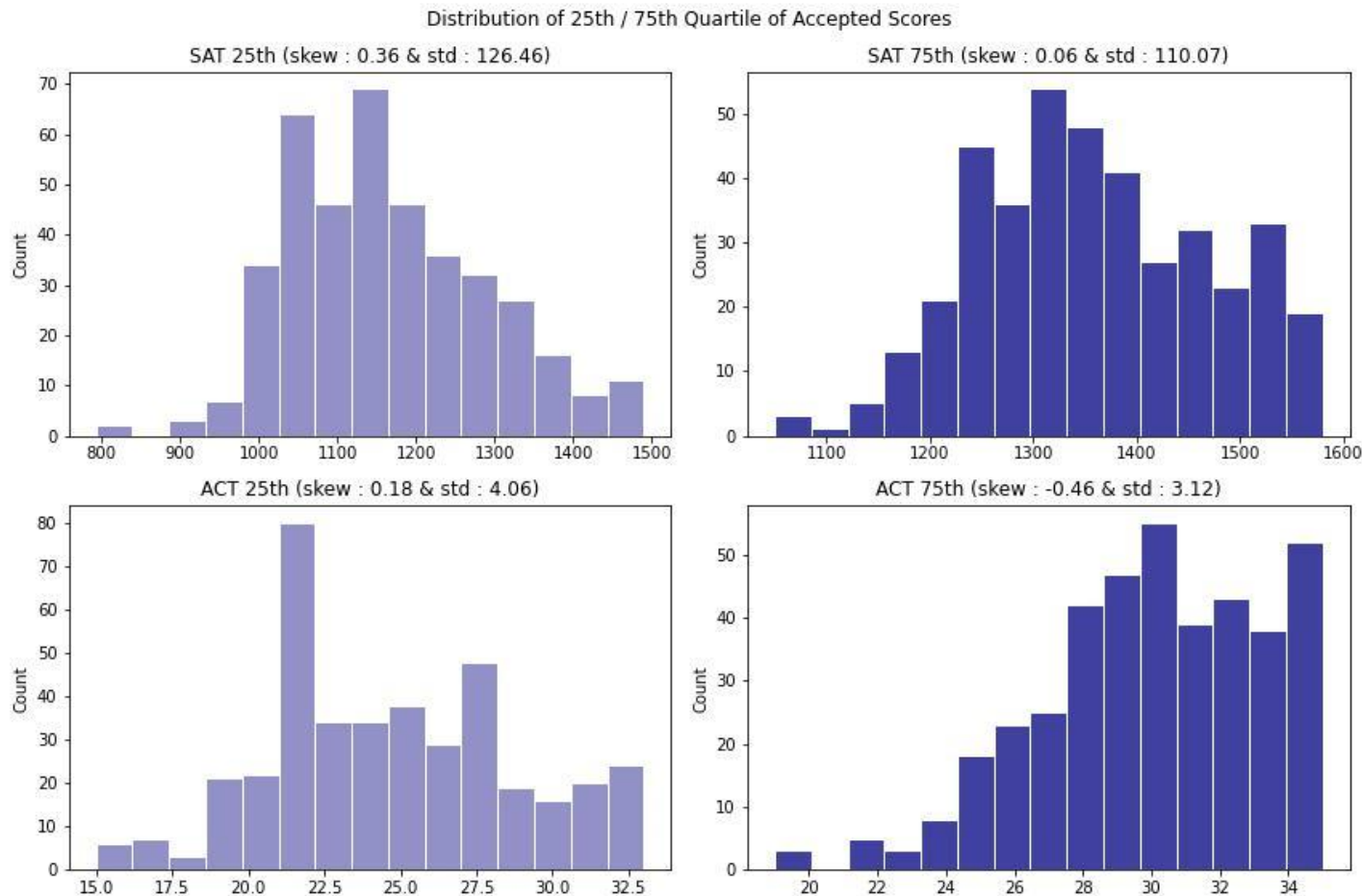
Standardized test is an unreliable measurement of student's potential

- Standardized tests originates back thousands of years ago
- Measuring tool for human potential all over the world – pro athletes, primary school students, corporate employees, and university application
- As the technology progresses and human skillset diversify, certain generic standardize tests (such as SAT and ACT) become more and more unreliable

**“The one-year policy of ‘Test Optional’ for the SAT / ACT
should be extended and expanded throughout the US”**

SAT/ACT is differently over simplified

Over 1,800 college majors and only 3-4 subjects in SAT / ACT



- College majors added every year with new skillsets becoming more and more important (e.g. Data literacy)

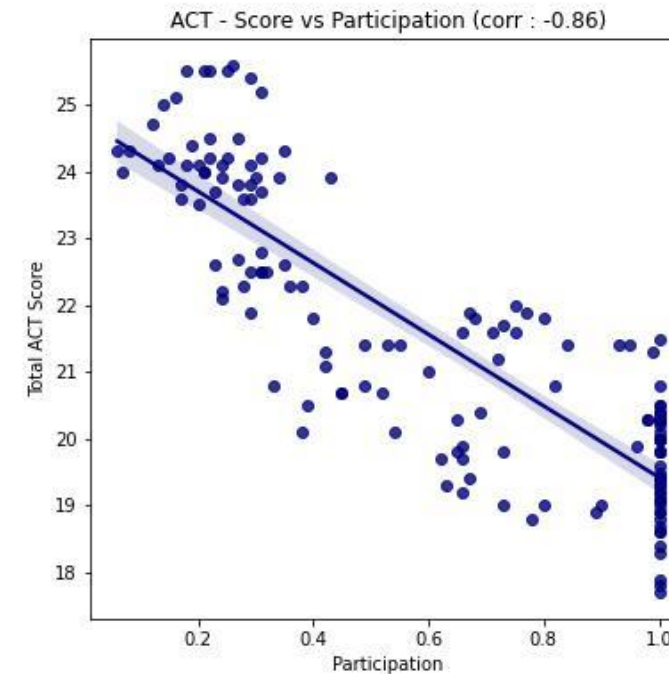
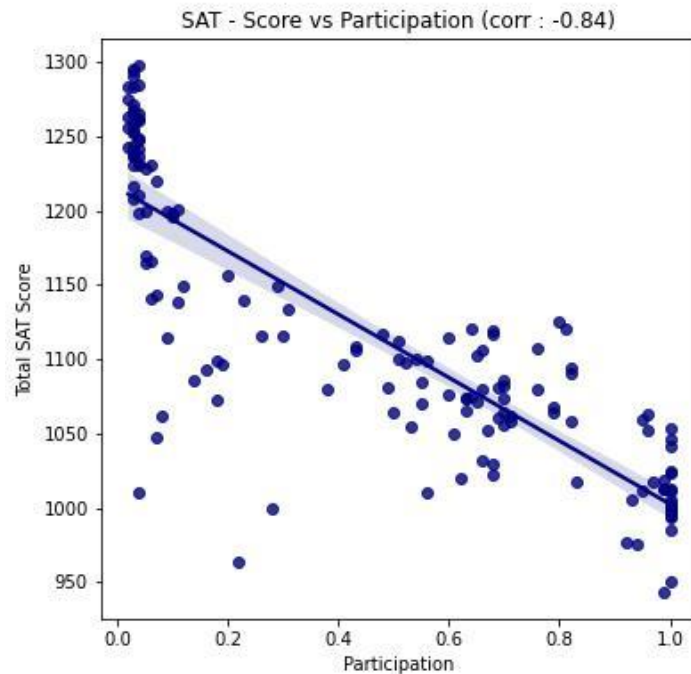
“SAT/ACT does not measure new skillsets well”

- 25th quartile and 75th quartile distributed differently

“Suggests differences in difficulty”

SAT/ACT favors people with choices

Different individuals do better in one test over the other

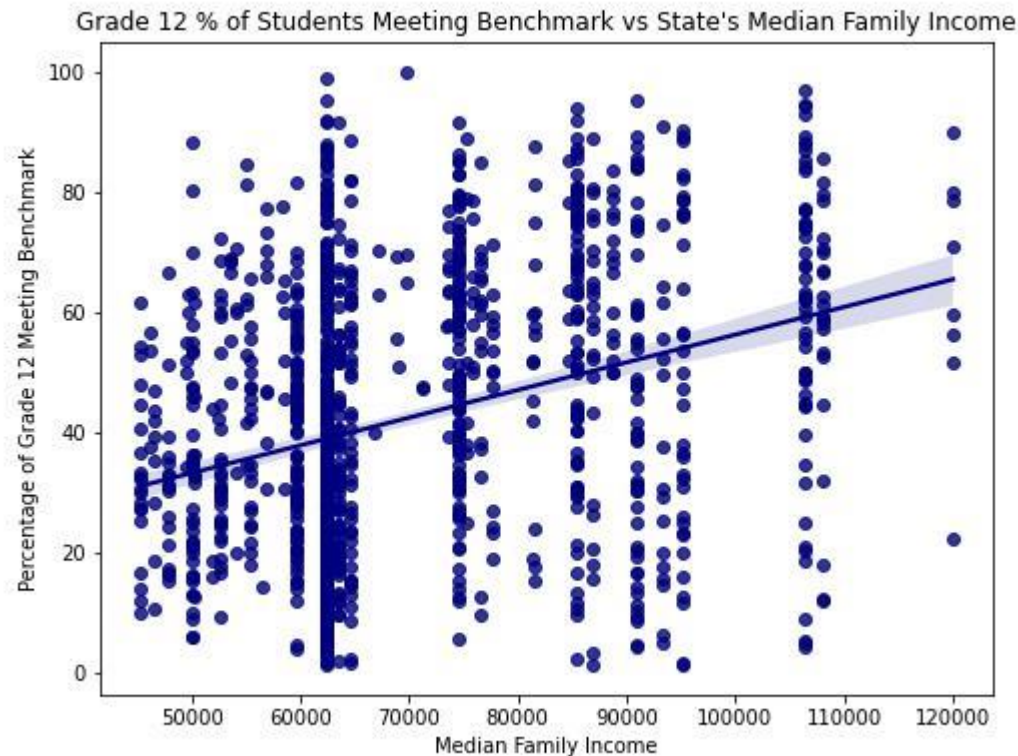


- States with low participation rate tends to do better – consist of students who chose to do those exams

“Not everybody has the luxury of choosing”

SAT/ACT favors people with time and money

County with higher median family income perform better

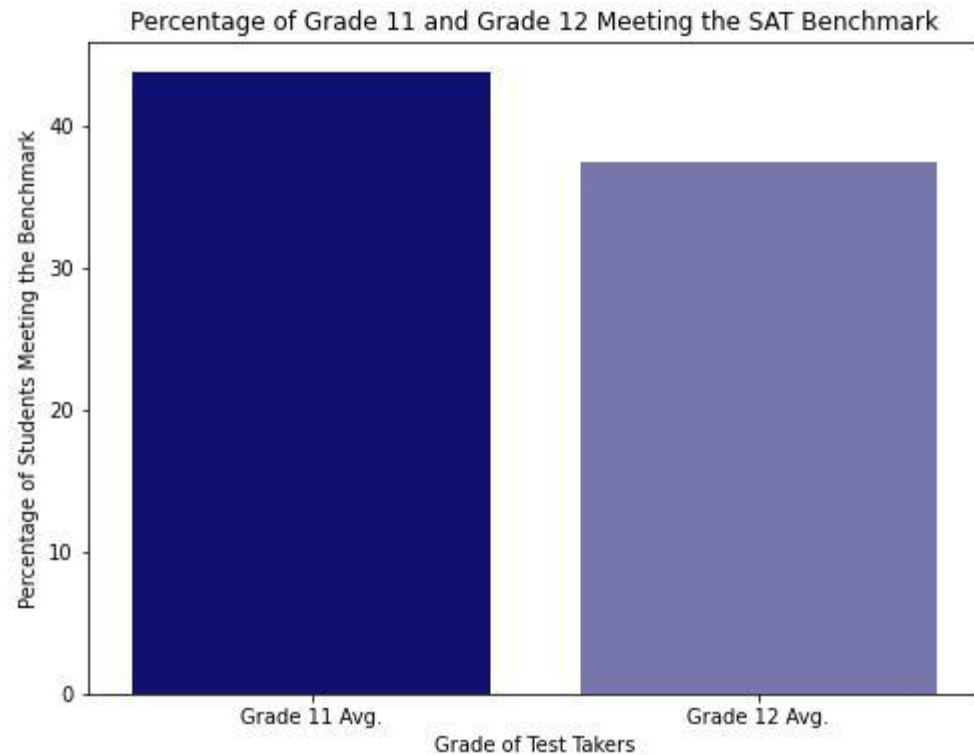


- 'Median Family Income' represents how wealthy families in certain counties are
- Percentage of students meeting the SAT benchmark **correlates positively** with the state's 'Median Family Income'
- Time, private tutoring, etc.

"Students from wealthier background tends to do better"

SAT/ACT favors people with more tries

Financial advantages allow some people to get more tries than others



- SAT can be taken as many times as we want, at the cost of a registration fee (Note: ACT up to 12 times)
- More practice in exam condition reduces stress and anxiety
- Family sponsored students who are not financially comfortable will be at a great disadvantage

“ Students can take many tries and select only their highest score”

Let's stop favoring certain groups of people

- Over simplified
- Differences in difficulty level
- Favors students with choices
- Favors students with time and money
- Favors students with more trials

“It's time for universities and colleges to focus on who students can become, not who they are”

Thank you for listening
