Data Analysis With Python

Summary Analysis:

One of the first things I noticed is that Charter Schools outperformed District schools in both reading and math scores. District Schools generally have almost double the budget of Charter Schools while still being outperformed by them. This also shows that a larger budget and more students is not indicative of having your students perform better.

Another thing that is observed from the data is that students have lower math scores in general to their reading scores.

Charter Schools

Have less students overall per school

Have better math and reading passing scores

Utilize smaller budgets with better results

Are in the top performing schools

Overall, I would say that Charter Schools have a better efficiency with regards to their students’ scores compared to the District Schools. If I were making any recommendations it would be to take a look at the curriculum of the charter schools and what their approach is to the smaller student size and try to implement that across the District Schools so that we can bring the scores of those schools up as much as possible.