PyCitySchools Summary Analysis

The purpose of this assignment is to analyze standardized test scores and other relevant metrics for the school district. We did this by measuring the total number of unique schools, total number of students, total budget, average math and reading scores and the passing percentage for math, reading, and both subjects.

Trends observed based on this data analysis such as the passing percentage regarding the overall passing rates of reading and math scores were significantly lower when compared between charter and district schools. The overall result was charter schools having scores in the 80 and 90 percentiles compared to district schools mostly in the 50 percentiles. I also noticed a trend that most school budgets per student ranged between $580 and $650 yet that did not seem to make a difference in the overall passing rates.

In conclusion I think that the different teaching techniques should be evaluated compared to Charter Schools and District for future decisions regarding school funding and educational strategies. If the amount of money invested into each child is not making a difference in their overall test scores there needs to be a closer look into what exactly makes these test scores higher in Charter schools rather than District.