PyCitySchool homework

Report

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My first hypothesis was that the more a school spends on each student, the higher math and reading scores will be. After evaluating the data and looking closely to the top and bottom preforming schools, I found that Total Budget per Student was not a reputable factor to judge the outcome of the scores. Instead I found that class and school size effected the overall scores far more than budget.

After reviewing the data, we see that the Charter Schools, which had a smaller Total Student count were among the top five preforming schools and the District Schools, which had a much larger student count were among the bottom preforming. It was also interesting to see that the districts budget was far greater than a charter schools’ budget both in Total Budget and Total Budget per Student. Further proving that classroom size is a far better judge of student success over budget. This can be proven with the final table of the data set showing that small schools (<1000) had an overall passing rate of almost 95%

Secondly, I noticed that our top preforming school, **Cabrera High School,** although had a larger total student count compared to the smallest top performer, **Pena High School**, and also spent a little less per student than Pena ($27 less) still had the highest overall passing rate of 95.58% I conclude this to be a relation to the quality of teachers in Cabrera versus Pena.