

PyCity Schools Analysis

- This analysis combines school-specific data with student data from each school.
- It provides a high-level district summary for all schools along, and provides school-level summaries for each given school in the district
- There are additional comparisons based on passing rates of math and reading, budget per student, by grade levels, school size, and school type.
- Based on the overall passing rate of both subjects, the top five and bottom five performing schools are ranked.

Observations:

In all cases, students in Charter school performed significantly better than students in a District school. Students at Large school performed significantly better than students at Small or Medium sized schools. There was not a significant difference between the Small and Medium sized schools.

There is an inverse relationship between the budget per student and their performance, which is contrary to what one would assume. Schools that had lower per student spending performed better. The data shows that the more money that is budgeted for each student, the worse their performance comes. This area requires additional investigation to understand why students perform worse when there is more money for each student.

There were not material differences between each school.

Recommendations:

Further investigations of why scores go up when spending goes down. There could be best practices that the schools with less-money, better-scores schools are doing that could be implemented in other schools to increase scores while reducing costs.

Next Steps:

Check back in one week to review results of investigations.

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