

PyCity Schools Analysis

Analysis Summary

The district has a total of 15 schools, 7 District and 8 Charter schools with District schools performing better in reading than math scores. The District schools lower math percentage scores lowers the overall passing (math and reading) percentage for the district.

There's no distinct correlation between school spending per student and student scores either positive or negative. But there is a drop in average math scores for the two higher per student spending range (630-645 and 645-680). Huang High school spends the most per student but has the lowest average math scores (76.8). Reviewing the "Highest and Lowest performing by overall % score" data set and comparing total school budget, there's no correlation in budget and scores performance but there is a correlation between school size and performance scores.

Observable trend/Correlation 1

Charter schools perform better than district schools across all score metrics, specifically in reading (94% charter vs 67% district).

Observable trend/Correlation 2

Small to medium schools perform about equally to each other but both perform overall better than large schools, specifically in the percentage of passing math, which drops significantly (30%) in large schools.

District Summary

15 schools total with total 39,170 total students

- 8 Charter Schools

- 7 District Schools

The District performs better overall reading scores over math scores, but overall total students passing is low at 65%

School Summary

Spending per capita is overall even between District and Charter schools although Charter schools have less students.

Highest-Performing Schools (by % Overall Passing)

Charter schools appear to perform better across all metrics

Bottom Performing Schools (By % Overall Passing)

District schools appear to perform worst overall while having the most spending per capita