**PyCitySchools Report**

**Summary of Sample Analysis**

* The higher the budgets, the test results were not higher.
* For math, the medium sized schools performed better than the larger schools.
* Charter Schools were better in performance than public district schools.

**Analysis**

District Summary

* Average math and reading score were both passing scores.

Highest-Performing Schools

* The top 5 school types by % overall passing are all Charter schools.

Lowest-Performing Schools

* The lowest 5 school types by % overall passing are all District schools.

Math Scores by Grade

* The math scores do not have noticeable differences compared by grade level.

Reading scores by Grade

* The reading scores do not have noticeable differences compared by grade level.

Scores by School Spending

* There were higher averages in math scores and reading scores the less the spending range per student.

Scores by School Size

* There were higher averages in math scores and reading scores the smaller the school size.

Scores by School Type

* Charter schools overall outperformed the average math and reading score than district schools.

**Conclusions/Comparisons from the Calculations**

* From this data analysis we can conclude that characteristics such as being a smaller sized charter school with a lower spending per budget is the trend for higher scores. Characteristics such as grade level do not fluctuate the scores too much as other characteristics listed above.