**Summary Report**

The data from this script is meant to analyze student and school performance based on the average scores or passing percentages in math and reading. These values are further analyzed in correlation to the school size, school type, and budget per student. Throughout the script these correlations are analyzed in further detail, and some data frames reveal significant insights.

**Conclusions**

From the Scores by School Type data frame, it can be determined that when compared to public schools, charter schools have a significantly higher performance across both subjects. Charter schools showed a higher score average and passing percentage, furthermore, when analyzing the percentage of students that passed math, charter schools outperformed by almost 30%. The Highest Performing Schools data frame all list charter schools as the top 5, while the Bottom Performing Schools data frame display public schools as the bottom 5. The evidence clearly demonstrates that charter schools are far more successful.

When analyzing the Scores by School Spending, it was surprising to see that schools with a higher student budget performed lower in math and reading. When analyzing the percentage of students that passed overall, schools with less than $585 per student averaged at 90.37%. However, schools with a spending range of $645-680 per student averaged at 53.53% overall passing. When analyzing each row, the average scores and passing percentages lowered across the data as the spending range per student grew. Ultimately, the data revealed that a higher spending range did not have a positive effect on a school’s performance.