The data can show and break down how budgets, scores, schools, districts, and charters could affect each other with each data frame I created. In the first data frame for District Summary, we can see all the data from the district overall. We do not go into specifics for each student or school thus we are able to see the districts total students, total budget, average math score, average reading score including the percentage of passing rates for both subjects and overall passing rate. In the percent overall passing we can see that it has a 78.031484% which could need improving for future numbers. In the second data frame for the School Summary, we can specifically see the same categories District Summary contained but for each school. Thus, we can see how well each school did considering the total student and total school budget as well as the budget per student. In the data frames for Highest-Performing Schools we can see that only the Charter Schools were in the top 5 while in the top 5 of the Lowest-Performing Schools data frames there were only District schools. The Math & Reading Scores by Grade data frame clearly show that the average in Math for each school they had an average of 75 or higher while the Reading Scores were 80 or higher. The Scores by School Spending we can see how the school performance is based on the average spending of each of those schools. The Spending Summary data frame shows how much the schools are spending per student so we may see the student score information. We can see that the percent Overall Passing rate that is the highest are the students Spending Ranges (per student) that are <$585. The Scores by School Size Summary we can see the students scores, considering the school size, we can see that the Medium (1000-2000) is higher than the other school sizes. The last data frame Scores by School Type we can see that comparing those scores of those students with Charter and District schools that the Charter Schools have a higher Average percent Overall Passing rate than the districts.

We can conclude from this data that considering the School Type there is a big difference between Charter and District that shows that the average passing rate in both subjects and overall, the Charter Schools have a higher passing rate. This conclusion can also be shown from the data for the top 5 Highest-Performing Schools and Lowest-Performing Schools. The other conclusion that I was able to see is that even considering the amount the schools were paying per student budget that were higher than the rest they still didn’t have a high percent overall passing rate. The last conclusion that I was able to see is that when it came to the Math Scores, they had lower grades overall compared to the Reading Scores which we can draw that the curriculum would need work to catch up to the Reading Scores.