Pandas Challenge Written Report

Summarize the Analysis:

* District Summary: provides a general layout of the number of students, which schools they attend and their scores
* School Summary : provides the same level of detail as the previous but grouped by the individual schools
* Highest Performing Schools : isolates the stats for the highest performing schools
* Lowest Performing Schools: isolates the stats for the lowest performing schools
* Math Scores by Grade: breaks apart the average math scores by 9th, 10th, 11th, and 12th grade
* Reading Scores by Grade: breaks apart the average reading scores by 9th, 10th, 11th, and 12th grade
* Scores by School Spending: looks to see if there is correlation between school spending and how students perform academically
* Scores by School Size: looks to see if there is a correlation between school size and how students perform academically

Conclusion/Comparison

The lower the spending range, the higher the average math and reading score.

The larger school sizes tend to have the lower scores in math and reading.

The highest performing schools are charter schools while the lowest performing schools are district schools.