Summarizes the analysis (5 points)

This report was created to help the school board and mayor make strategic decisions about school budgets and priorities in the future. It was created by looking at math scores, reading scores, percent of students passing math and reading, and the percentage of students passing both between the schools in the district. Each school’s math, reading scores, percentage passing, etc. were filtered by school type, school size, school spending per student and grade to see the impact each of these parameters might have on the school’s results.

Draws two correct conclusions or comparisons from the calculations (10 points

Students attending District schools seem to be struggling with math more than students attending Charter Schools. Their average math score is lower at District schools, as is the percentage of students passing. The percentage of students passing reading in District schools is also lower than in the Charter schools, but it is not nearly as pronounced of a difference.

The size of the school seems to produce a large impact on reading and math scores. Schools that fell in the range of having 2000-5000 students (large) had less than 60% overall passing rates (apart from Wilson High); schools in the small and medium categories were all in the 70-100% passing range. The top five ranking schools had fewer students (Students) and spent less per student (Budget per Student) than the five schools who ranked last in math and reading scores. This is a counter-intuitive result as one would assume that the greater the budget per student the access to resources for students would be better and would be reflected in their math and reading scores.

I would suggest another data-frame that filtered school budgets, spending per student, and school size by what type of school they are (District or Charter) to try and answer questions along the lines of: do the charter schools have smaller numbers of students than district schools? Do they spend less than district schools? Etc. To conclude, I do not think math and reading score results are giving enough information to accurately assess the budget that a school needs.