**PyCitySchools Written Analysis Report**

**Analysis Summary:**

Using data from two csv files, multiple data frames were created in order to more meaningfully organize the data. By first creating two data frames providing summaries for the different districts and schools, certain patterns can be seen emerge depending on the school’s type, the number of students, as well as the school’s budget. In addition, some other data frames were created that show the relationship between a students’ grade and their average exam scores depending on the high school; the relationship between a school’s total budget and its students’ scores can also be seen.

**Conclusions:**

1. The calculations generated for the percentage of students passing overall depending on the school type shows that students who attend charter schools produce much higher scores on both reading and math. On the other hand, students that attend district schools are more likely to have lower reading and math test scores. As a result, we can conclude that charter schools offer a higher level of education.
2. Based on the calculations done relating school size and spending ranges per student, we can conclude that schools with a greater number of students and higher spending ranges tend to see a decrease in exam scores. Although one might think that allocating more resources towards an individual student would result in higher exam scores, it seems like the amount of money budgeted per student does not affect the way the student performs academically.