Drawing conclusions from the data for PyCityschools :

**1.School budget, per student spending, has nothing to do with the Overall score of the students.**

The binning feature clearly list out the fact that we have highest overall scores with the lowest spending schools. For Example, Wilson High School which has the lowest per student budget, ranks fourth in overall percentage scores. Unfortunately, the highest spending schools in the range of $645 and above has the lowest of the overall grades

**2.The schools with lower performance tend to have size much higher than its higher performing counterparts.**

Hernandez High School and Johnson high school are some of the examples of such low performance schools having large sizes. Hence the student to teacher ratio might be a factor to look at for these low performances.

**3. Scores by school type are clearly distinct**

Percentage of math scores are in general lower than the reading scores for all schools. But Charter schools show a remarkable performance rate than the district schools both in math and reading. The overall passing rate is about 50% higher for Charter schools compared to district schools.

Link to PyCitySchools jupyter notebook :

<http://localhost:8888/notebooks/Pandas-Challenge/PyCitySchools/PyCitySchools_starter.ipynb>