Through the Data Analysis using Python tools(Pandas) we were able to identify the following trends.

* The top performing schools were ‘Charter’ type and the bottom performing schools were ‘District’.
  + The Charter schools tend to have a smaller number of students and per student budget in comparison to District schools.
  + In spite of the difference between both school types, the students have a better score at Reading than Math.
* The average scores both Math and Reading are similar through all the grades in each school, indicating consistent performance by student with respect to the schools teaching.
* With respect to spending, schools that spend less per student tend to have a higher pass rate and schools that have a higher budget seem to have a lower overall pass rate.
* Schools with higher number of students tend to have low grades and schools with medium to small strengths have better grades.
* Overall Charter schools run their schools by taking between 1000 – 2000 students and spend around $585 - $630 per student approx. and has good grades when compared to District Schools.

In conclusion, less capacity of students in a school is yielding better education and teaching with the provided data.