PyCitySchools Report

**Analysis**

In this challenge we could see a data that includes all the students from fifteen schools, the fields of the data were:

* Student ID
* student\_name
* gender
* grade
* school\_name
* reading\_score
* math\_score
* School ID
* type
* size
* budget

based in this information we could group the schools and see the results showed in the jupyter notebook, now, we can give certain conclusions and comparisons from this calculation:

**Conclusions**

The data has a type field and this column has two values (District, Charter). We group the grades based in the type of school and the result was that the charter schools have better grades than the district ones, and to complement this, when we group the average scores by spending rates per student, the analysis show us that the students that spend less have better scores.

The second conclusion is related with the school size, the analysis shows us that the mediums (1000-2000) and smalls (<1000) schools have much better percentage and average scores than the large (2000-5000) ones, this could be given for obvious reasons, The fewer people there are, the easier it is to have everyone's attention.