Analysis of  [**PyCity Schools**](https://unc.bootcampcontent.com/UNC-Coding-Boot-Camp/unc-peace-virt-data-pt-05-2021-u-c/blob/master/04-Pandas/Homework/Instructions/PyCitySchools/PyCitySchools_starter.ipynb) data

1. As per the ‘school summary’ and ‘scores by school type’ tables, the percentage of passing in math and reading are not at the higher rate in school type ‘district’ compared to school type ‘charter’. Even though school type ‘district’ spends higher budget per student school type ‘charter’ outperforms school type ‘district’ in terms of results. It seems that allocation of more budget did not make enough results in school type ‘district’. Comparison among the schools in school type ‘district’ are also showing the same thing that allocation of more budget did not make more results.
2. All the top performing schools are charter type and all the bottom performing schools are of district type. One thing more specifically noticed is that the number of students in district type is higher compared to charter type and that may be one of the reasons of lesser performance of district type schools because students may be getting lesser attention. Schools having students more than 2000 is also showed lesser performance in terms of results. It is showing, more study is needed to find out the real reason behind the lesser results of students in school type district.
3. Comparison between scores in math and reading shows that students scored more marks in reading than math that means math is the difficult subject compared to reading. There is not much difference noticed in terms of performance of students from grade ninth to twelfth.

Overall, this analysis is telling a story of different levels of performance of schools.