**WRITTEN REPORT**

**THE TWO CONCLUSIONS THAT WE CAN DRAW FROM THE CALCULATIONS IN SCHOOL PERFORMANCES**

Firstly, by looking at the *PyCity School Analysis* in Jupyter we can analyse that there are two school types in the below data frame which are charter schools and district schools in the 3rd column.

When we observe *Charter Schools* student’s performances, we see that the students are really doing good at math and reading. It’s like they are getting top grades in both the math and reading percentages and also in overall passing percentage. For example, we can look at Cabera High School, Griffin High School, Holden High School, Pena High School, Shelton High School, Thomas High School, Wilson High School, Wright High School which are of Charter school type are getting highest overall passing percentage by calculating both math and reading percentages that is 91.33, 90.59, 89.22, 90.54, 89.89, 90.94, 90.58, 90.33 are the top passing rates as compared to *District School type* students.

Secondly, by looking at the same data frame we can also analyse that although there is highest *overall passing percentage* rate in *charter school type* which means most of their students are passing their exams and performing well in studies but with least number of total students which is less than 2,000 total students which means that there are fewer students in *Charter school* as compared to the District School type students which has higher total student count.

*District schools* on the other hand have large number of total students with more than 2,000 total students as compared to Charter schools which implies that district schools have larger student population despite having have more students it has a *lower* overall passing percentage.

