Writing Analysis for School Database

1. Summarizes the analysis：

The original databases included statistical data of schools and students in the specific district, including: name and type of schools, budgets of the school; number of students, grade information, students’ scores in different courses, etc.

In this analysis, we firstly merged two databases together to do multi-dimensional calculations. Then we breakdown the info in different focuses:

* On School Performance (passing rate)
* On School Size
* On School Budget(per capita)

And we use ascending and descending method to set up data frames to show our data in a smarter way.

1. Draws two correct conclusions or comparisons from the calculations:

* All 5 best performance school on overall passing rate are all Charter schools while the 5 worst performance schools are all District schools.
* Huang High School, which is a District School, has the highest per student budget ($655.00), but only a very low overall passing rate (53.513884%); Wilson High School, which is a Charter, has the lowest per student budget ($578.00), but has a very high overall passing rate (90.582567%). This drives to the conclusion that the overall passing rate is not necessarily related to the amount of budget given to per student.