Written Report

# Summarizes the analysis

Firstly, we got CSV file for school data and student data. We merged the file to evaluate the data easily.

By using Panda DataFrame, we were able to create a high-level snapshot of the district's key metrics. We then get per capita spending for each school.

We then calculate the key metrics per school. We have the top 5 schools with the best overall passing percentage and the bottom 5 with the least overall passing percentage.

We categorized the schools in 5 bins based on the per student budget. And key metrics per bin are calculated. Similarly key metrics are calculated based on school size. Finally, we have average values per school type.

# Draws two correct conclusions or comparisons from the calculations

1. Charter schools perform better than District schools. Charter schools are better in all parameters – Average score and % passing
2. For large schools (size >2000), overall passing % drops significantly. Thus it can be concluded that school size should be small or medium for better performance of students.