Py City School Analysis

**District Summary**



With District Summary, we came to conclusion that there were 39170 students with Total budget of $24649428 and average budget of $630 per student. Based on students count their average score for math and reading were 79 and 81 respectively. And their overall passing percentage is 65%.

**Per School Summary**

Graphical user interface

Description automatically generated with medium confidence

With Per School Summary, we listed the school wise summary of total school, its type, budget and average scores. Bailey High School has the highest number of students. Huang High School with the most budget. But per Student average budget was most in Holden High School with $2532.Pena High School performed the best in its average math passing percentage with 94.59 %. And Thomas High School performed the best in its average reading percentage with 97.33%. Overall Cabrera High School Performed the best in overall average of reading and math scores.

**Lowest Performing School**

Graphical user interface

Description automatically generated

These are the list of lowest performing school based on their Average Scores. Rodriguez High School Performed the lowest out of all the schools.

**Highest Performing School**

Graphical user interface, text

Description automatically generated

These are the list of highest performing school based on their Average Scores. Cabrera High School performed the best based on average scores among all the schools.

**Math Scores by Grade**

Graphical user interface, text

Description automatically generated

Based on average math scores by grade (9-12), out of 15 schools 8 school scored more than 80% rest scored 75%-80% and above in all the grades respectively.

**Reading Scores by Grades**

Graphical user interface, text

Description automatically generated

Reading Scores Based on average reading scores by grade (9-12), all the school scored more than 80% -85% in all the grades. Overall students performed better in Reading than math scores in all the schools.

**Spending Summary**

A black screen with white text

Description automatically generated with low confidence

With Spending Summary, we analyzed that the school with spending ranges between $500-1000 & $1500-2000 has better average percentages overall in reading & math.

**Scores by size**

A black screen with white text

Description automatically generated with low confidence

Based on size we realized that school with the student range of less than 1000 performs better comparatively. The higher the number of students, the scores keep on decreasing.

**Scores by Types**

A picture containing text, road, screenshot

Description automatically generated

We concluded that Charter School performed better than District School overall with all the budgets and number of students.

In my analysis I figured out that:

1.Charter Schools performs better than the District school, as they have more average budget per student and there are lesser number of students with more resources. So given the facility the students average scores are better in reading and math.

2. The District schools have less funding per student, so the overall results and performance are less with given facility and number of students. District School were the lowest performing schools overall.