Conclusion report on the City School data

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**Summaries the analysis:**

The analysis examined schools performance based on passing rates in math and reading exams based on the size, budget and type of the schools.

These analysis revealed key findings related to top-performing schools and bottom performing schools. It also showed some interesting facts about impact of school size and also impacts of budget allocation on the performance of the schools.

**Draws two correct conclusions or comparisons from the calculations:**

1- **School Performance Analysis**:

* **Top Performing Schools**: Schools such as Griffin High School, Cabrera High School, and Bailey High School are among the top performers based on overall passing rates.
* **Bottom Performing Schools**: Hernandez High School, Huang High School, and Johnson High School are among the bottom performing schools in terms of overall passing rates.
* **Impact of School Size**: There seems to be a correlation between school size and performance. Smaller schools with fewer than 1000 students tend to have higher overall passing rates compared to larger schools with 2000-5000 students.

2- **Spending Analysis**:

* **Effect of Per Student Budget**: Schools with lower per student budgets (less than $585) tend to have higher overall passing rates compared to schools with higher per student budgets (above $630-645).
* **Optimal Budget Allocation**: While increased spending doesn't necessarily guarantee better performance, there seems to be an optimal range for per student budget where schools achieve the best balance between spending and performance.