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Module 4 Written Report

This analysis involves evaluating the standardized test results from each school in a given district. This analysis was conducted to inform strategic decisions regarding future budgets and priorities. The main goal was to aggregate student performance data; math and reading scores, along with other school information, to identify trends in school performance.

There was a total of 15 Schools, with a total of 39,170 students. The Total Budget for these 15 schools was $24,649,428. Each school had their own budget that they were not allowed to exceed. As a whole, the school district had the passing scores below:

Math - 78.985371457748275%

Reading - 81.87784018381414%

But the total number of overall students that passed both Math & Reading was 65.17232575950983%.

As individual schools the top 5 overall passing rates are listed below:

Cabrera High School 91.334769% - Budget = $1,081356

Thomas High School 90.948012% - Budget = $1,043130

Griffin High School 90.5994555 - Budget = $917500

Wilson High School 90.582567% - Budget = $1,319,574

Pena High School 90.5405415 - Budget = $585,858

There were many more findings discovered in my analysis. But from the numbers shown above, I can confidently say that School budget does not influence passing rates. Because schools with a much greater budget did not perform as well overall, as the schools listed above.