**SCHOOLS IN LOCAL GOVERNMENT REPORT**

**SUMMARY**

The data set provides a summary of key statistics and details for a group of schools. Each school is categorized as either “Government” or “Independent”. There are a total of 15 schools, which educate 38170 students. The academic performance of these students is represented by their scores in math and reading. The average math and reading scores are approximately 70.34 and 69.98, respectively.

Furthermore, approximately 86.08% of students have successfully passed their math scores, and around 84.50% of students have passed their reading score. However, the total overall pass rate, which takes into account both math and reading, is just nearly 73%.

**CONCLUTION & COMPARISON**

According to the “Top performing schools” analysis, three out of five independent schools are in the top five. Surprisingly, all schools in the top five are a similar in terms of spending budget per student.

On other hand, when looking at the “Bottom performing schools” analysis, 80% of schools in this analysis are government schools. In addition, these schools spend more money on each student compared to the ones in the top 5 performance.

Furthermore, the “Score by school spending” analysis reveals very interesting information. Those schools which are in the highest spending ranges (between $645-$680 per student) have the lowest performance (% overall passing is around 67%), and the best performance (% overall passing is nearly 80%) belongs to those spending between $585 and $630. Similarly, the “Score by school size” shows a similar pattern. Small size schools (less than 1000 students) have the highest figure (% overall passing is around 79%), while the large ones (between 2000 and 5000 students) have only roughly 70% which is also the lowest performance among the groups.

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