Analysis:

1. This area has a good number of schools, each with a good budget, and a good number of students. All this contributed to the overall good performance of its students as shown in the summary of the area data.
2. Overall, the schools have a good average maths and reading scores with a good percentage of their students passing maths, reading, or both.
3. The students of all years in the top five schools have better performance when compared to their peers from other schools in both reading and maths.
4. Conversely, the students of all years in the top bottom schools didn’t do as well when compared to their peers from other schools in both reading and maths.
5. School type appears to be one factor in students’ performance. Students from independent schools seemed to do better compared to students from government schools, in all areas of focus. One possible reason for this is because independent schools are usually smaller in size.
6. For indeed, as we delve deeper into the data, it is observed that the size of the school has a big impact on students’ performance. Students from smaller-sized schools perform better than those from medium-sized ones, which in turn performed better than the students from larger-sized schools, in all areas of focus.
7. On the contrary, higher school spending on individual students doesn’t necessarily equate to better performance. Surprisingly, data shows that low to mid-range spending seemed to work better, with students performing better in all areas of focus. The sweet spot appears to be in the range of ($585-630).
8. In summary, if given a moderate budget, the size of the school is important as well if not more so, as this may ensure that the individual student has all the resources required to perform well.

Thanks 😊