The purpose of this report is to provide an analysis of school data from fifteen schools, divided into two categories: Independent and Government. The data includes the total number of students, budget, average math and reading scores, % passing, and overall passing.

Local Area Summary:

The Local Area summary presents a general overview of the data for all schools, including overall averages and sums.

School Summary:

The School Summary provides a detailed analysis of each school's data, including the number of students, budget, average math and reading scores, % passing, and overall passing. The schools are sorted by their overall passing rate, with the top and bottom 5 schools highlighted.

Correlations:

The report also includes tables that display the correlations between year (grade level), budget per student, school size, and type (Independent or Government) with average scores and % passing. These tables allow for a deeper understanding of the relationship between these variables and academic performance.

Conclusions:

Based on this exploratory school data analysis, we draw two main conclusions. Firstly, budget alone cannot guarantee high scores in math and reading, and of course it cannot guarantee a high overall passing rate. Other factors, such as school size and type, must be considered. Secondly, we found a direct correlation between school size and academic performance, as well as between school type and academic performance. Independent schools tended to perform better than Government schools.