Module 4 Challenge

Introduction

Here we have 2 datasets for the area. One of the datasets consist of the data for the students for the local government area and the other datasets comprises of the data for the schools in the local government area.

In the datasets we have different columns such as student name, gender, year, maths scores etc. In the report below there are some findings I came up by analysing the datasets.

Summary Of Analysis

Some of the analysis we can summarize from the data area value like total number of the schools, total students, average scores per students etc. But the summary is:

Average maths score for the whole area: 70.33

Average reading score for the whole area: 69.98

Top performing school based on total percentage of students passed on both subjects: Cabrera High School

Lowest performing school based on total percentage of students passed on both subjects: Hernandez High School

More students are studying in Government schools.

Students finds maths easier than reading.

Two conclusions

* In the Local government area if we compare more budget is allocated to each student however, the performance for the Government school is relatively low. Out of 5 top performing schools 4 of the schools are independent schools. On the other hand, if we look at the low performing schools out of 5 schools the 4 schools are government schools. So, we can draw a conclusion that budget is not impacting the performance, there are some other factors.
* The other factor that is impacting the performance could be the number of total students, there are relatively more students in the government schools.