Report

For the analysis of this challenge, I needed to utilise a lot of conditionals in order for me to have correct information that is understandable for viewers so that they can read and know what information they are seeing.

There was the utilisation of simple maths involved to retrieve the average values and using maths functions to find the totals.

I used the groupby function so that I was able to sort and group values together with individual groups instead of being scattered and separated in one big table.

I had also used the function called “binning” so that I could group certain values and group them in a category for example putting small numbers in the category “small” and large numbers in the category “large”.

There was a lot of involvement of making smaller tables to show certain categories in a more understandable view and making smaller tables gave me the opportunity to show specific data so that it could be compared or shown in a different view.

To conclude this analysis and looking at the data results, I would say that students that are paying lower to mid-range prices for schooling and smaller school sizes with lower than 1000 students are receiving the best results in math scores, reading scores and overall scores.

viewing the data table of school types, it indicated to me that independent schools are receiving better results than that of government schools, it also indicated to me that majority of schools with the top performances were independent and majority of the bottom performing schools were government.