**Charter Schools Vs District Schools Analysis**

We looked at 15 High School in this Study, and two main types: Charter schools (8 of them) and District schools (7 of them). In Total there are 39170 students in these schools. With 12194 of them in Charter and the remaining 26976 belongs to district Schools. When it comes to gender distribution in both types of schools it pretty balanced.

The Analysis shows that the Charter school does better. On average, students in Charter school get 83.47 in math while in district schools it is 76.96. for reading , charter school students score 83.90 on average where as district school students get 80.97%.

The Analysis shows again that math score is 93.62% of charter where as district schools only 66.55%, in reading it is even better for charter schools with 96.59% while district schools have 80.80%.

Finally, when we look at student who pass both math and reading, charter schools have 90.43% score while district have 53.67% score.

One thing to note is that the number of boys and girls in each type of school is pretty much close, that means gender doesn’t have any effect on the performance.

Charter schools generally have higher scores passing their tests compared to district schools. These findings could be important for deciding how to improve our schools in the future.

**Gender Distribution Pie Chart**

In this dataset the over gender distribution is fascinating and balanced. The pie chart below shows the percentage breakdown of the genders.

Finding: Male Population is at 50.4% and Female Population at 49.6%

A blue and pink pie chart

Description automatically generated

**School Type Distribution Pie Chart**

Based on the dataset given and the pie charts plotted, clearly District school show dominance on the total population at 68.9%. The Charter Schools at 31.1% represent a minority within the dataset. The distribution may have implications for educational policies, funding and many more. These observation provide a starting point for a more exploration and deeper understanding.

A pie chart with numbers and a blue circle

Description automatically generated

**% Performance by School Type**

**62.8% Vs 37.2%**

In this Analysis clearly Charter School wins the success story by far. The dominance of Charter schools in over all performance signals to be uncovered. On the other hand District Schools representing a minority in performance.

Charter Schools make me curious, what makes them so fun? What cool things do they do that make the kids happy to go to school?

A blue and orange pie chart

Description automatically generated