

Pandas Challenge Written Report

- Summary of the analysis.
 - The first two analyses show a summary of the District and School data. The first summary shows the Total Schools, Total Students, Total Budget, Average Math and Reading Scores, the percentage of passing math, reading, and the overall passing of the entire school district. The second analysis shows the summary by school, with the same data as before but with an added column by school type.
 - The next two analyses show the highest and the lowest performing schools by percentage of overall passing, these analyses show the highest and lowest schools.
 - The following two analyses show the math and reading scores filtered by grades, from the 9th to the 12th grades.
 - The next analysis adds a new column which shows the spending ranges per student and grouping them into ranges.
 - The next analysis shows the size of the school, grouping them into Small, Medium, and Large based on the number of students for each school.
 - The last analysis shows the information of the summary analyses but filtered by the type of school: Charter or District.
- Draw two conclusions or comparisons from the calculations.
 - That Charter schools perform better than district, this could be due to the fact that Charter school don't have to follow a mandated curriculum or system, so they can focus more on the students and helping them succeed, as opposed to having to follow a mandated curriculum to cover the material.
 - Large schools were the ones who performed the worst based on the scores, this could be due to the fact that the student population is so big that they can't get enough personalized attention and they become more of a "number" rather than a person trying their best to succeed. Small and Medium sized schools performed similar based on their scores, while Medium schools performed better, the difference is not as significant to be able to say one is better than the other one though.