

In this dataset we were given two files one containing the schools in the district we are analyzing with some basic information such as student population, budget, and school type. The other file contained the test scores of the students at each school with some basic identifying information such as name, gender, and grade. Using both datasets we can see if we can find any correlating factors between the given information and the students' test scores.

The data shows clearly that the larger schools with more students and larger budgets score lower on average leading to much lower passing rates, even when taking the budget per student into account. Now it might seem that the budget and school size are the causing factors, but if you look more closely the district scores are extremely similar regardless of size or budget as are the charter schools. The charter schools consistently achieve at much at higher levels while almost exclusively being small low budget schools. The school type according to this data set appears to be the biggest factor when determining success rate among students.