PyCity Schools Analysis

The goal of the overall analysis was to determine the performance of selected schools based on factors like size, budget, number of students, and whether the school was a district school or charter school. To do this multiple tables were made to highlight these features with the average test scores and passing percentage of the schools.

Based on the data shown, schools that were charter schools performed much higher than district schools at a 90% passing rate. The district schools only had about 53% of students pass both reading and math tests. Not only that, but the top 5 performing schools overall were all charter schools while all 5 bottom performing schools were district. Another finding was that schools with a lower student count also tended to perform better. While the medium-sized schools performed the best, the small-sized schools showed to have very similar results. The most dramatic change was the drop from 90% to 58% when going from a medium-sized school to a large-sized school. Budget also seemed to have a similarly dramatic effect on test scores as well. The schools with a low budget of $585 or less per child performed the best at a 90% passing rate while schools with a budget of $645 and more per student only had a 53% passing rate.