Hayley Parnell

Module 4 Challenge

Written Analysis

PyCitySchools data analysis concludes that the top 5 schools are Carter schools, and the bottom 5 schools are District schools. The data shows that there is a consistently lower math average than reading average. We see that math scores stay consistently lower than reading scores despite the size, type, or budget of school. The analysis shows all schools had roughly the same budget per student. When comparing the overall passing rate between Carter and District school we see a large gap with Carter Schools having a 90% student passing rate and District schools having a 53% student passing rate. When we compare the school size to the overall passing rate, we see that the larger schools have a lower percentage of passing students at 58% overall passing than the medium sized schools at 90% overall passing and small schools at 89% overall passing.