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Green

Module 4 Written Analysis

The purpose of this analysis was to compare and contrast reading, math, and overall grades across 12 schools within the same county. We manipulated Pandas libraries through Jupyter Notebook to see which schools and school types have better math, reading, and overall grades. We further detailed our analysis by breaking it down by demographic, grade level, and school financials (budget, total budget, per student budget, per student spending).

A big defining finding I found after completing the analysis was that when broken down by school type, the average reading and math scores as well as the overall percentage of students that passed math and reading were higher for charter schools in comparison to the district schools. It was also reflected that the overall graduation/passing rate of charter schools was higher that district schools.

Another large finding was that when the analysis was further broken down by relative school size, the larger the school size the lower the percentage of students doing well in math and reading. The overall passing rate was also consequently lower for larger schools in comparison to smaller schools with smaller student size.