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Module 4 Report

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In the assignment I am placed as the new Chief Data Scientist for the city's school district. The task is to analyze standardized test results for schools in the surrounding districts. In order to analyze these results, I will be working with student data containing math and reading scores, as well as information about the schools they attend. The goal is to find trends in the data good or bad.

Based on my analysis several trends were found. Schools with more funding tend to be high performing schools. Although schools with lower funding tend to fall towards the lower percentages with test scores apart from a few schools.

Most all the schools are doing better in part of the test over the math part which shows that. These schools might have unique teaching methods that are effective or more funding allocated towards English and Reading departments. Understanding these strengths can be beneficial for curriculum planning and resource allocation, ensuring that each school maximizes its full potential.