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Challenge 4 - Pandas
GW Data Analysis Bootcamp Challenge 4

Data Insights From PyCitySchools Analysis

Score by Grade
Grade level doesn't seem to have much of an impact on scores in math or reading. Average scores in math and reading stay fairly consistent across all grade levels.

Per School Spending
Higher per student budget did not correlate with improved performance. In fact, schools with budgets of $630/student and below outperformed schools with budgets above $630/student.

School Size
Small and medium sized schools out-performed large schools. This may be due to smaller size allowing more individual attention for struggling students from educators.

School Type
Charter schools vastly out-performed district schools. Once again, this could be due to smaller size allowing for more individualized attention, as charter schools have fewer students. It would be beneficial to do further analysis by size and type of school to further narrow down what factors seem to be contributing to the success of charter schools over district schools.