PyCitySchools Report

1. Provide a written description of at least two observable trends based on the data.

Trend # 1: A clear trend that is observed from the PyCitySchools data is that all academic metrics – Average Math Score, Average Reading Score, % Passing Math, % Passing Reading, and % Overall Passing Rate – are all inversely correlated with the amount of money spent per student. This is counterintuitive, and at the very least demonstrates that student performance is not necessarily improved by more spending per student.

Trend # 2: Another observed trend is the wide gap in all academic metrics between those who attend Charter Schools versus District Schools. Astonishingly, District schools have higher per student budgets, but have approximately 27% fewer students passing in Math and Reading.