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| PyCitySchools Analysis | | |
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# By Terra Vaughn

# Analysis overview

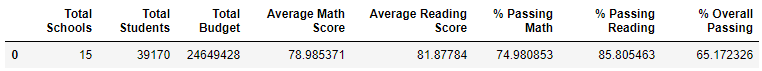
This report includes an analysis of math and reading standardized test scores for grades 9 through 12 based on the school budgets and school size for a particular school district. The goal of the analysis is to assist the school board and mayor in making strategic decisions regarding future school budgets and priorities.

**Part I** of the analysis includes a look at the data.

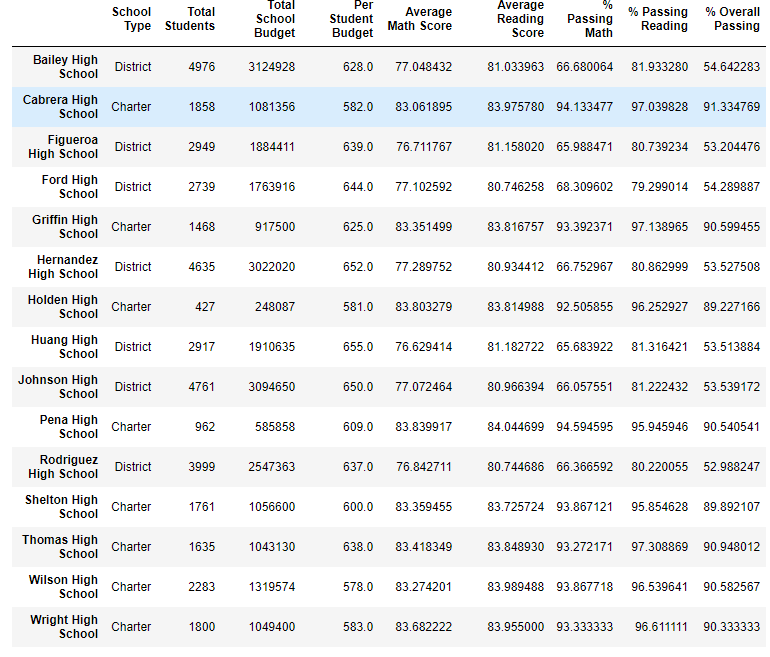
**Part II** addresses trends that are observable based on the data.

# Part I

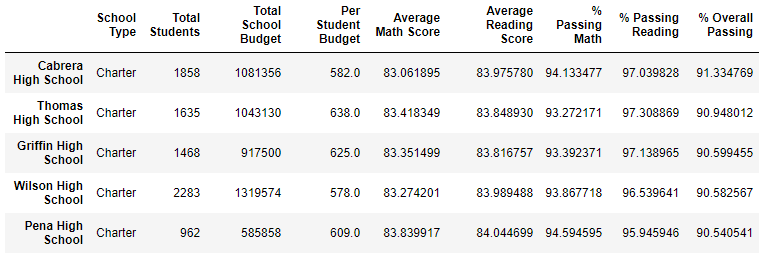
**District Summary**



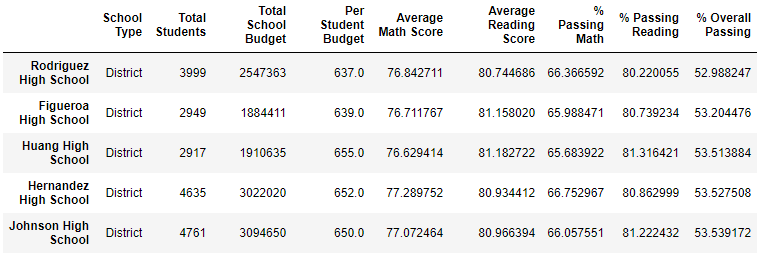
**School Summary**



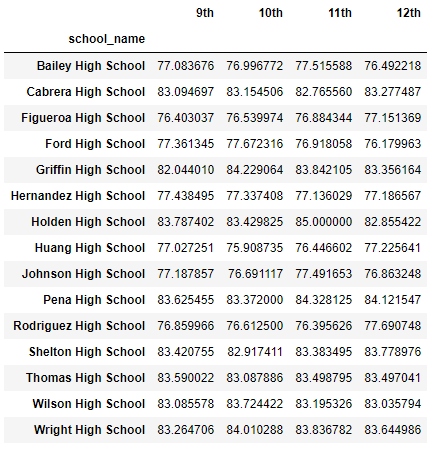
**Top Performing Schools (By % Overall Passing)**



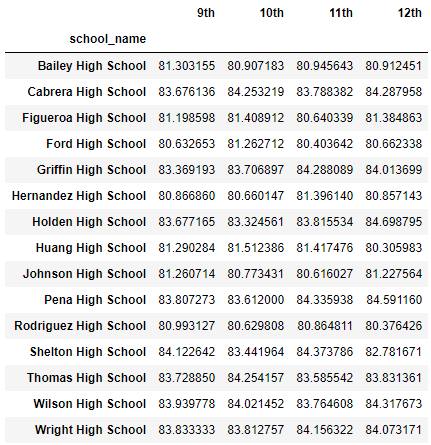
**Bottom Performing Schools (By % Overall Passing)**



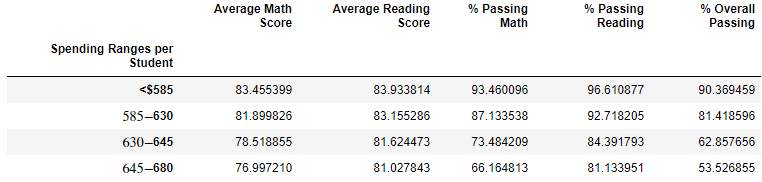
**Math Scores By Grade**



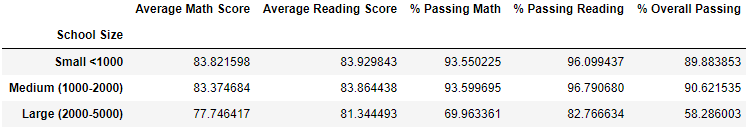
**Reading Scores By Grade**



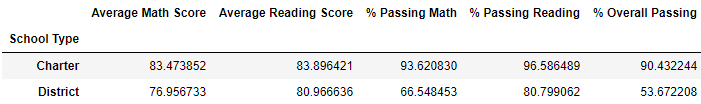
**Scores by School Spending**



**Scores by School Size**



**Scores by School Type**



# Part II

Two observable trends:

1. Based on this data, the top 5 performing schools were Charter schools, and the bottom 5 performing schools were District schools.

2. Based on this data, the schools with a per student spending rate of less than $585 had higher math and reading scores as compared to schools with spending rates higher than $585 per student.