Short Summary of the PyCity Schools Dataset

The Top 5 performing schools are the following:

1. Cabrera High School
2. Thomas High School
3. Griffin High School
4. Wilson High School
5. Pena High School

The schools that are ranked at the bottom and need the most improvement are the following:

1. Rodriguez High School
2. Figueroa High School
3. Huang High School
4. Hernandez High School
5. Johnson High School

There have been no significant changes within each school in overall performance across each grade (9th-12th). (Refer to the reading\_scores\_by\_grade and math\_scores\_by\_grade DataFrame).

There is a negative correlation between budget per student and overall passing percentage across all schools. The higher the budget, the lower the rate of passing across math and reading. (Refer to spending\_summary DataFrame)

Given the type of school, whether Charter or District, the dataset shows that charter schools have a higher rate of passing compared to district schools. (Refer to type\_summary DataFrame)

Another conclusion, large size schools have the least successful rate of passing. (Refer to size\_summary DataFrame)