Challenge 4 Panda

**Summarizes the analysis.**

Based on available data, it indicates that charter schools have better performance in compared to District schools. Also, charter schools’ students passing rate is higher than District schools.

**Draws two correct conclusions or comparisons from the**

* School with lower than $615 per student budget tend to have a excellent academic performance, with higher average score in both subjects and passing rates.
* Another comparison is that Total student counts in each Schools, Schools with 2000 or less students tend to achieve higher academic performance, with higher average scores and passing rates in both subjects.
* As a whole, schools with higher budgets, did not yield better test results. By contrast, schools with higher spending per student actually (645−675) (<585 per student).
* As a whole, smaller and medium sized schools dramatically out-performed large sized schools on passing math performances (89-91% passing vs 67%).
* As a whole, charter schools out-performed the public district schools across all metrics. However, more analysis will be required to glean if the effect is due to school practices or the fact that charter schools tend to serve smaller student populations per school.