**University of Pennsylvania**

**College of Liberal and Professional Studies**

**School of Engineering and Applied Science**

**Data Science Boot Camp**

**Module 4 Challenge: Written Report**

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**WRITTEN REPORT**

**Summary:**

As a Chief Data Scientist in a school district data was evaluated to help the school board and mayor with strategic decision making. The trends in school performance are displayed through the use of pandas.

**Conclusions/comparisons:**

* Average math and reading scores are similar between schools
* Math passing rates lower
* Top 5 are charter
* Top 5 are district
* Smaller schools have higher passing rate
* Schools with higher budget and higher spending had lower performance rates than schools with lower budget