**ANALYSIS REPORT: MODULE 4 CHALLENGE**

The objective of this module is to analyze data for student funding and standardised test scores for schools.

RESULTS:

* The district summary is affected by # of students, overall passing % , % Passing Math and reading.
* The School summary is affected by average scores, per student budget.
* Thomas High School’s Performance is better than other school after replacing 9th grade Math and Reading marks to NaN.
* Replacing the 9th grade scores affect the following:
  + Math and reading scores by grade: does not affect the other grades.
  + Scores by School Spending:
  + Scores by School size:
  + Scores by School type:

SUMMARY:

* On replacing 9th grade Thomas High School students, the number of students went down to 38709 from 39170.
* Overall passing percentage; 65% from 64%.
* % Passing Math went up to 75% from 74%
* % Passing Reading went up to 86% from 85%