**PyCitySchools\_Challenge.ipynb**

1. **Overview of the school district analysis:** Explain the purpose of this analysis.

The purpose of this task is to provide insights to a district school board. The initial purpose was to analyze the data across 15 schools within this district to determine overall math and readings scores and percentages within the district. The board wanted to review those results, plus look at size (number or students), and their respective budgets (per student). The school board found evidence of cheating at Thomas High School (THS), in the ninth grade, for both reading and math scores. The analysis was pivoted to exclude THS data scores to evaluate the data between the two sets of data.

1. **Results:** Using bulleted lists and images of DataFrames as support, address the following questions.
   * How is the district summary affected?
   * How is the school summary affected?
   * How does replacing the ninth graders’ math and reading scores affect Thomas High School’s performance relative to the other schools?
   * How does replacing the ninth-grade scores affect the following:

Math and reading scores by grade

* + - Scores by school spending
    - Scores by school size
    - Scores by school type

1. **Summary:** Summarize four changes in the updated school district analysis after reading and math scores for the ninth grade at Thomas High School have been replaced with NaNs.