

Project 3: Exploring NYC Public School Test Result Scores

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Every year, American high school students take SATs, which are standardized tests intended to measure literacy, numeracy, and writing skills. There are three sections - reading, math, and writing, each with a **maximum score of 800 points**. These tests are extremely important for students and colleges, as they play a pivotal role in the admissions process.

Analyzing the performance of schools is important for a variety of stakeholders, including policy and education professionals, researchers, government, and even parents considering which school their children should attend.

The data set provided is called schools.csv.

Source: <https://data.ny.gov/widgets/kz59-cb3g>

Project task is to answer three key questions about New York City (NYC) public school SAT performance.

Questions

Which NYC schools have the best math results?

- The best math results are at least 80% of the ***maximum possible score of 800*** for math.

What are the top 10 performing schools based on the combined SAT scores?

Which single borough has the largest standard deviation in the combined SAT score?