PyCitySchools Analysis Summary

Data analysis produced the following reports:

Table that shows school names, their type (district or charter), budget, and number of students.

Table that shows overall budget of all schools in the district, average math and reading scores in the district, and average pass rates in the district.

Table that shows each school type, total student in each school, per student budget, average math and reading scores, and pass rates for each school.

Tables that best and worst performing schools.

Tables that show student performance (average scores) in each grade.

Tables that show correlation between school type, number of students, and per student budget with students test scores and pissing rates.

Conclusion

According to the data, small schools with less than 1000 students showed significant better performance than large schools with more than 2000 students.

Schools with bigger per student budgets showed significantly worst results than schools with smaller per student budgets.

Charter schools showed much better and consistent results than district schools.