PyCitySchools Observations:

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1. The “Scores by School Size” dataframe shows a trend that smaller schools tend to have higher passing percentages than larger schools. Medium schools (between 1,000 to 2,000) appear to have the highest percentage (93.60% in Maths, 96.79% in Reading and 90.62% overall) and substantially higher than large schools (between 2,000 and 5,000, 69.96% in Maths, 82.77% in Reading and 58.29% in overall passing rates.) Note, this table does not separate charter schools from district schools, so it is not possible to discern from this table alone the size of each type of school. However, based on the data from the original schools’ summary table, it is evident that district schools have a consistently larger student population than charter schools.
2. The “Scores by School Type” dataframe shows charter schools have a much higher passing rate than district schools, with an overall passing rate of 90.43% for the former compared to 53.67% for the latter. As discussed in the above point, the school size is consistently larger for district schools than charter schools, thus it may be possible that the larger student size may impact the passing percentage compared to a smaller school. However, this is not explicitly clear from the data and more information regarding each student and school would be necessary to draw such a conclusion.