

Pandas Challenge Written Report

- Summarizes the analysis
 - In the district summary we are given information for the district as a whole (the district has 15 different schools, 39170 Total students, 82932329558 Total budget, 78.985371 Average math score, 81.87784 Average reading score, 74.980853 Percent passing math, 85.805463 Percent passing reading, and 65.172326 Percent overall passing)
 - The school summary breaks down the district summary to give the same info (total students, total budget, etc) for each of the 15 respective schools as well as the “school type” which will tell you if the school is District or Charter.
 - Top Schools and Bottom Schools show the top 5 and bottom 5 schools based on the percent overall passing for each school
 - Math Summary shows the average math score for each school split up by grade level (9,10,11,12)
 - Reading Summary shows the average reading score for each school split up by grade level (9,10,11,12)
 - School Spending displays the school summary data with a Spending Ranges column added
 - Spending Summary gives the total data grouped by each spending range (<\$585, \$585-630, \$630-645, \$645-680)
 - School Summary["School Size"] displays the school summary data with a School Size column added
 - Size Summary gives the total data grouped by each school size (small, medium, large)
 - Type Summary gives the total data grouped by school type (district or charter)
- Draws two correct conclusions or comparisons from the calculations (10 points)
 - The top 5 schools are all charter schools and the bottom 5 schools are all district schools
 - The schools with the lowest spending range (<585) score highest in all categories (average math score, average reading score, % passing math, % passing reading, and % overall passing) and the schools with the highest spending range (645-680) scores lowest in each category