**Written Analyis of PyCity Schools**

District Summary

The above give table gives us a summary of schools at the district level. 15 schools with a total of 39170 students have been analysed . We have analysed the percentages of students scoring above 70 in reading and maths as follows, 70 is the passing grade here: 65.17% of the students passed in both reading and maths,74% of students in Maths and 84.87% in Reading. So the pass rate of students is reading is higher. The average math score is 79% and English score is 81.88%

School Summary

The top 5 schools have a budget ranging from $582 to $635 per student. 95% and more of there students have passed in maths and 80% more of the students passing in reading and 90%and above in both subjects. There average scores range in the 80s for reading and 90s in maths. The no of students in these schools ranges from 950 to 1900

The last 5 schools have a budget range of $ 630 to $650 per student. Around 80% passing in Reading and 65% passing in Maths. 50% of the students passing in both subjects . The average Math scores range in 70s and Reading in 60s. The no of students in these schools is in the range of 2000 to 5000.

By Grade :

The average math score across the grades 9,10,11,112 range in either early 80s and late 70s . The average English scores are higher being in the 80s across the schools.

By average spending :

The percentage of students scoring the pass grade(of 70) is highest in the under $585 range with the average score of 83.36 in Maths and Reading score of 83.96 . The overall passing rate was also highest in this bracket at 90% . The overall passing rate was significantly lower in the highest spending bracket of $(645-680). Please note the spending is per student here.

By No of students in a school.

The overall passing rate is highest in the smaller schools . Not much of a difference between the ( less than 1000) and the (1000-2000) bracket with the overall pass rate in the 90percentile. The larger schools had a significantly lower rate in the 50 percentile.

By Charter: The charter schools (90 percentile) performed better than the district type schools (50 percentile)