**DATA ANALYSIS**

Here is some analysis of the data from this assignment

Score of budget range per student is as follows. It seems to imply that score is inversely proportional to the budget., One would expect that schools that spend more money should perform better but this is not the case. Also note that overall, the reading scores are higher than math scores irrespective of the per student budget.

Chart, line chart

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Then we looked at the above plot relative to school type and seems that charter schools are better than district school. Is it possible that charter schools also have lower budget per student. Next we look at the budget per school type. Note that the reading and math scores are very close for charter schools but for district schools, the gap between reading and math scores widens.

Chart, line chart

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Here is the budget per school type

Chart, line chart

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CONCLUSION: Charter schools have better scores that district schools. Charter schools also have less budget per student than district schools. Speculation/extrapolation: Charter schools are merit based and so have better scores. District schools also cover special need students and hence get more budget allocation. They are not based on merit.