Summary of Analysis

- We are having two files named Schools_complete.csv and students_complete.csv by combing those files together we are able to get 15 total number of unique schools in given data.
- We have create tabled called District summary which gives more detailed information for students which includes total number of students in our data, total budget, % of students scored in each subject and overall.
- 'School summary' gives the detailed information for each school. It include school type, total budget of school, overall performance of each school by average and percentage. This table can be further used to filter our data to retrieve information by sorting data by performance of each subject.
- Considering top schools table data we can clearly say that 'charter' school type is having highest overall performance despite of having low budget than 'District' schools which is school type having lowest performance.
- Both Highest Preforming and lowest preforming school is having similarity that passing percentage of reading is more than passing percentage of Math.
- By Filtering data by grades for students passed in math per school we can evaluate that Pena High School is having highest performance in Grade 12^{th} at the same time Ford high school is having lowest performance for math in grade 12^{th}

Conclusion

- By filtering data for schools by Spending Ranges per students we can conclude that for schools whose spending range per student is less than $585 are having highest score in Reading, Math which also give highest overall performance considering this case if look up on another tables 'Cabrera High School' is having highest overall percentage which comes under one of the best performing school with less budget spend per student.
- We can also conclude that 'Charter' school type student is have scored more in each subject than 'District' School type Students. We can verify same using tables in top school table .Also Schools which is having no of students between(1000-2000) is having highest performance.