#### Written Report for PyCitySchools

1. The data we have included:

* A total number of **(15)** schools with **(7 District and 8 Charter Types).**
* A total budget for all schools is **($24,649,428**):
* The school with the highest budget is **(Bailey High School)** with a budget of **($3,124,928).**
* The school with the lowest budget is **(Holden High School)** with a budget of **($248,087).**
* The school with the highest budget per student is **(Huang High School)** with a budget of **($655).**
* The school with the lowest budget per student is **(Wilson High School)** with a budget of **($578).**
* A total number of **(39,170)** students all together:
* The school with the highest number of students is **(Bailey High School)** with **(4976)** students which falls under the district type.
* The school with the lowest number of students is **(Holden High School)** with **(427)** students which falls under the charter type.

1. Using the data given from the **math** and **reading** scores we were able to come up with a math average and reading average for all the students together:

* The math average is **(78.9)** with **(74.9%)** students passing math all together.
* The reading average is **(81.8)** with **(85.8%)** students passing reading all together.
* Only **(65.1%)** pass reading and math.

1. The data included, and during our analysis we were able to conclude the following:

* The highest performing schools **(the top 5)** with highest precent of students who passed math and reading came from the same type which is **(Charter)**.
* The lowest performing schools **(the lowest 5)** with lowest precent of students who passed math and reading came from the same type which is **(District)**.
* To analyze the above results, we looked at the total number of students that falls under each school type, this showed that **there were more students in District schools than Charter schools**, and this could have led to less attention paid to students who needed extra help and less one on one time for students who are struggling.
* Students on average did better in reading than in math and that goes for all students from any school, this means that all students struggled with math more than reading but what made a difference in their marks is how much extra help they could ask for and that is based on how big the classroom is.