**PyCitySchools Write Up**

Biggest takeaway from manipulating this dataset, ***charter schools are doing far better than the district classified schools***. Based on scores of the reading and math testing, charter schools are immensely better. On average, the basic district school is larger than charter schools. ***So it’s possible the smaller classes in charter schools may be helping students get the attention they need to succeed****.* Surprisingly, the budget per student does not have a heavy effect on the test scores. Usually, charter school students have less budget but still maintain better scores than the district students who have more funding allocated to them. ***Overall, the style of teaching and delivery of content at the charter schools needs to be further analyzed***, so the district schools can improve. The district schools have more funding but have not equated that to better scores.

**Heroes Of PyMoli Write Up**

The gender makeup of Heroes of PyMoli is 84% male, 14% female, and 1.9% Other. ***Male players make up most of the users***. Due to this fact, they are the biggest spenders compared to females and others groups. ***The age demographic within Heroes of PyMoli is nearly 45% 20-24 age group***. The 15-19 age group and 25-29 age group come at 2nd and 3rd largest groups with 18.6% and 13.4% respectively. 20-24 age group are the biggest spenders based on their sheer numbers but on average per player the 35-39 age group spends more. This could be because someone who is older can afford to spend more usually. ***The key market for Heroes of PyMoli are young adult males***. The most popular item purchased was the “Final Critic” and was the most profitable.