**Video Game Sale**

Our project is to dig into video game sales for investigating some tendencies and conclusions about the video game industries. The group members are Yuxuan Zhang and Haowen Weng.

Our collaboration plan is simple. We plan to work together each Wednesday afternoon for this project for at least 30 mins considering our schedule. We will basically meet in person each time in one’s dorm room. (We actually both live in Mayer Hall) We are going to finish all the work together and edit our notebook on one’s computer. Still we will share a GitHub page someday so we can view it or make some changes on one’s own. One major tool we use is Jupyter Notebook, it has a great dataframe function within.

One dataset we found is the data of video game sales 5 years ago. It contains a list of video games with sales greater than 100,000 copies. It was generated by a scrape of [vgchartz.com](http://www.vgchartz.com/).The fields of the dataset includes:

1.Rank (Ranking of overall sales),

2.Name (name of video game),

3.Plantform (platform for playing this game),

4.Year (Year of the game's release),

5.Genre (Genre of the game),

6.Publisher (game publishers),

7.NA sales (sales in millions, in North America),

8.EU sales (sales in millions, in Europe),

9.JP sales (sales in millions, in Japan),

10.Other sales (sales in millions, in rest of the world),

11.Total sales (sales in millions, around the world)

We choose to work with this dataset for several reasons. First one is the size of data, the quantity of records is huge enough to draw some fair conclusions. What’s more, all the listed games are top sales that archive at least 100,000 copies. Another good thing is that it splits the total sales into the sales within a region, which helps to analyze more details between region and culture differences. We can try to answer some questions from this dataset like how many NA players love Nintento’s game? Which group of people is a sports game’s biggest fans? Are there any platforms that outplayed others?