**Homework Week 1**

***Given the provided data, what are three conclusions we can draw about Kickstarter campaigns?***

* + Provided data gives a report on how each parent category performed across different countries. Theatre generated most successful kickstart campaigns followed by music.
  + When analysing the subcategory, some kickstart campaigns are always successful and some are always unsuccessful. Which gives us an idea of which campaigns should we choose in future.
  + Rate of success is always high during the first half of the year and shows a declining trend towards the end of the year.

***What are some limitations of this dataset?***

* + Data does not talk anything about the audience (age, gender).
  + It gives a broad idea of the campaigns and not a in-depth details so as to determine the reasons for the specific outcomes.

***What are some other possible tables and/or graphs that we could create?***

* + - Graph showing percentage for successful and unsuccessful campaigns.
    - Moving average table over a year for the performance of each category campaigns.
    - Box and whisker graph to determine the outliers.
    - Goal vs Pledged graph with backers count.

***Bonus Statistical Analysis***

***Use your data to determine whether the mean or the median summarizes the data more meaningfully.***

It is the median which summarizes the data more meaningfully. As the data are more skewed towards the lower range.

***Use your data to determine if there is more variability with successful or unsuccessful campaigns. Does this make sense? Why or why not?***

Most of the successful and failed campaigns are clustered towards the low backer’s count. It makes sense while analysing failed campaigns as a particular campaign failed because of lack of enough backer’s count.

But for successful campaigns it does not make any sense when the data are clustered around low backers count. As this show when the backers count is less the chance of a campaign being successful is high, which doesn’t make sense as the success of a campaign is always directly proportional to the backers’ count.