

Social **App-mosphere**

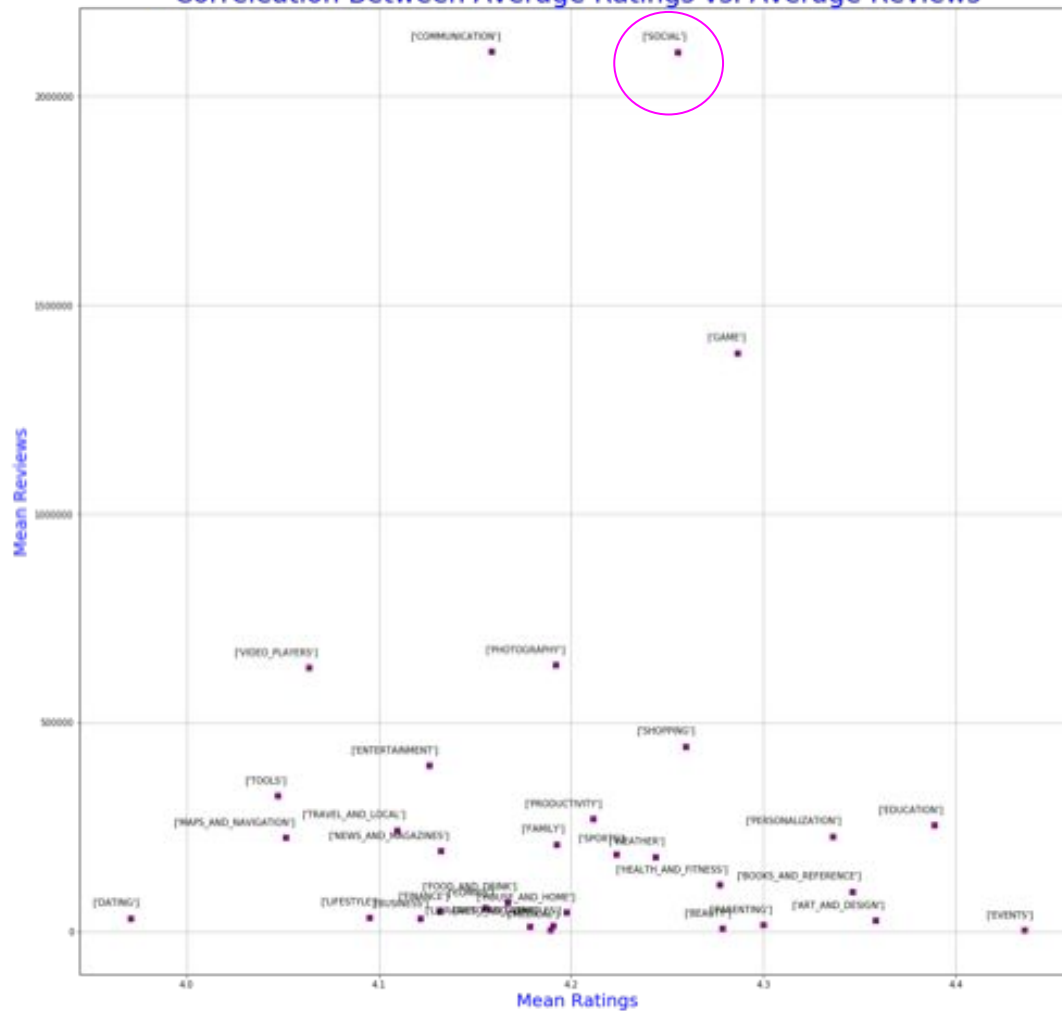
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WINNER



Correlation Between Average Ratings vs. Average Reviews



THAT'S NOT ENOUGH

WE HAVE TO GO DEEPER



Missing Data

- We removed instances of app downloads that were lacking reviews.
- We cleaned the data to showcase the amount of downloads





Interesting Finds

We were curious about the comparison of the mean rating of a category compared to its' standard deviation, and if that had any affect on our view for a category with the “highest ratings.”

- Split on the 0.5 mark:
 - 16 instances below
 - 17 instances above

Standard Deviation of Ratings for Social:

0.414.

We also found that this was a moderately conservative number considering that only 10 of the Categories fell below Social.

```
In [178]: social = google_play_df.loc[google_play_df['Category'] == 'SOCIAL']  
social['Reviews'].mean()
```

```
Out[178]: 2105903.125423729
```

```
In [185]: social['Rating'].mean()
```

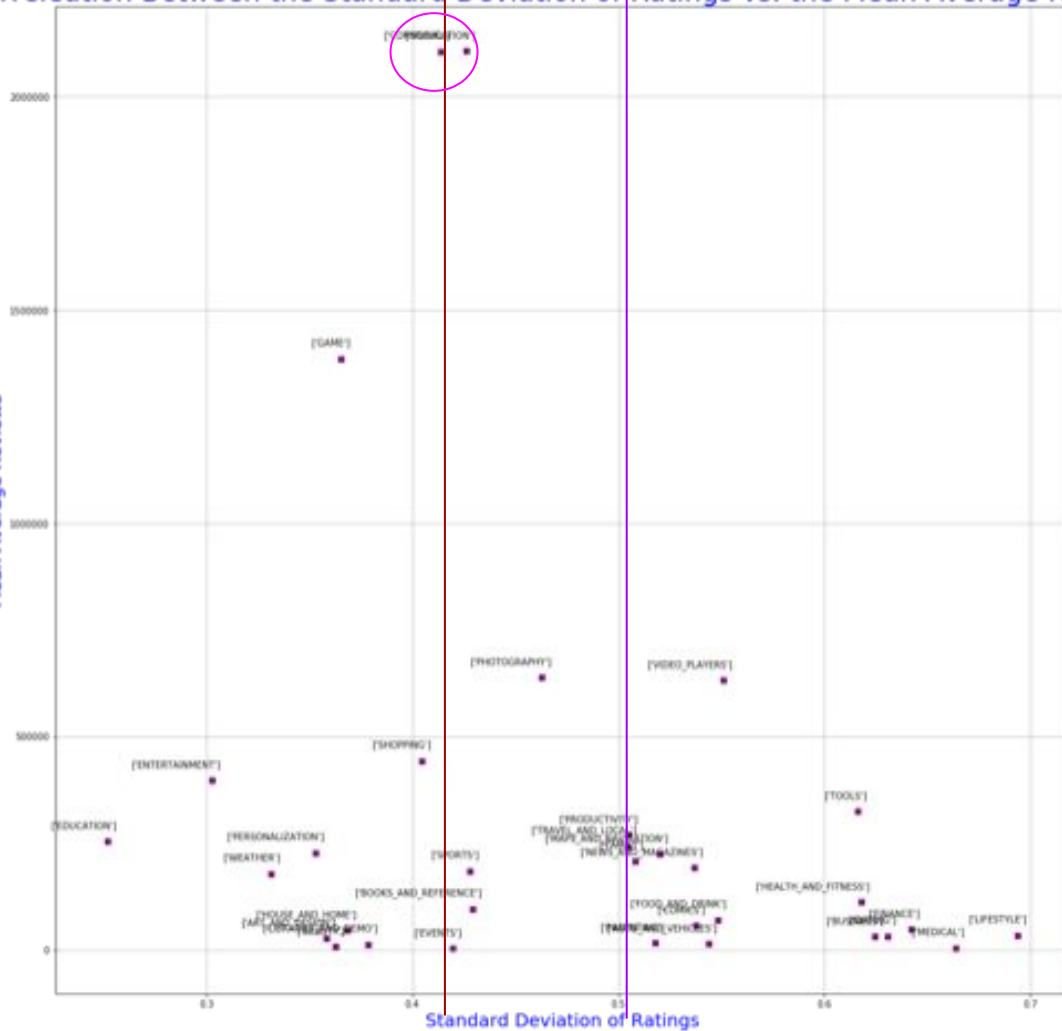
```
Out[185]: 4.255598455598457
```

Correlation Between the Standard Deviation of Ratings vs. the Mean Average Reviews

Social Category

0.5 Mark

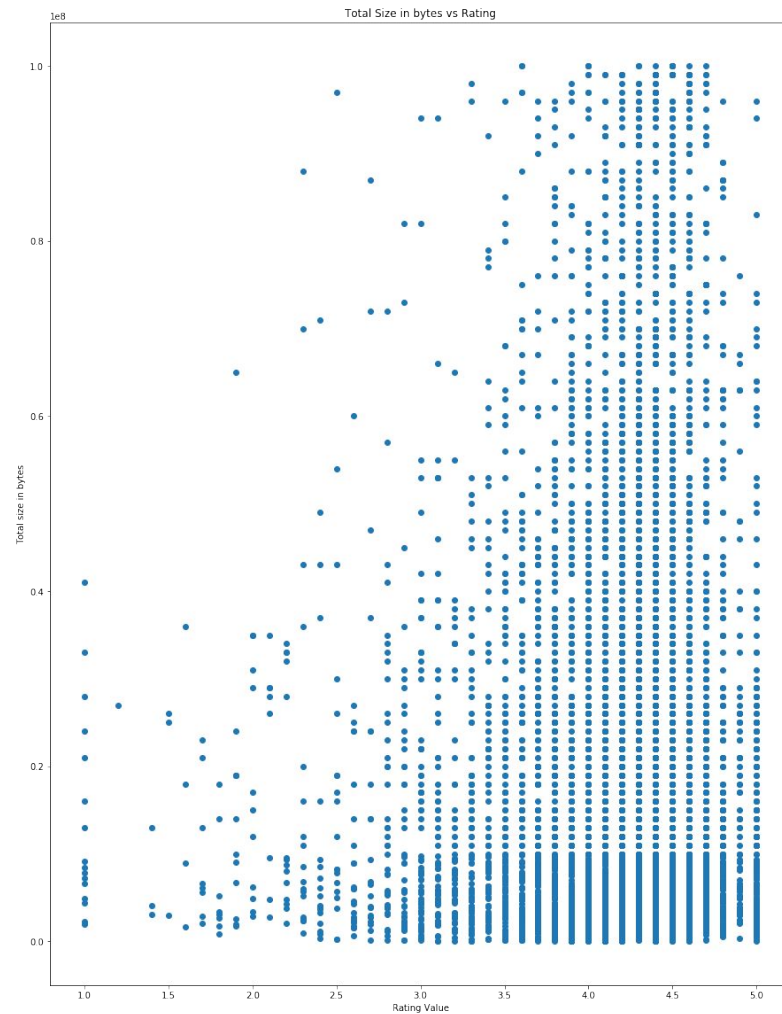
Mean Average Reviews



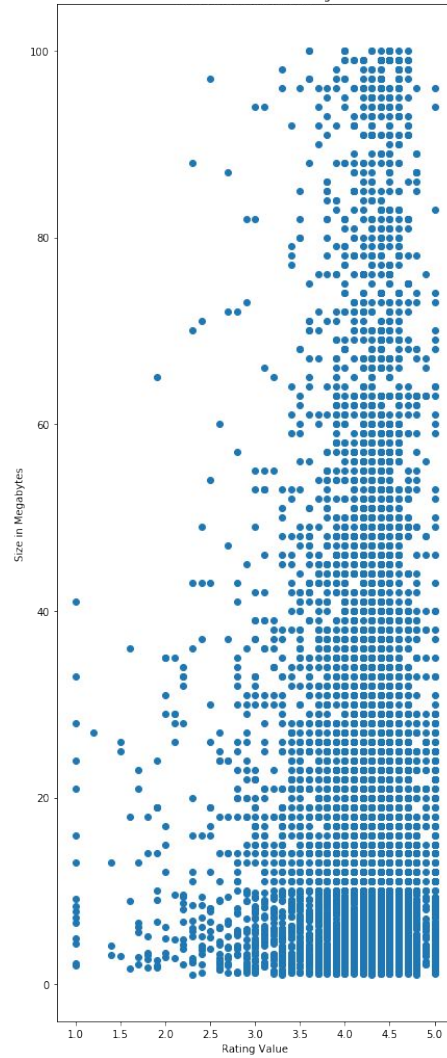
Standard Deviation of Ratings

I is givin u moar bytes





File Size in Mb vs Rating



File Size in kb vs Rating

