# IMDB MOVIE RATE ANALYSIS

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# PROFITS

The dataset contains the 100 best performing movies from the year 2010 to 2016. However scatter plot tells a different story. You can notice that there are some movies with negative profit. Although good movies do incur losses, but there appear to be quite a few movie with losses. Lets have a closer look at this by finding the movies with negative profit.
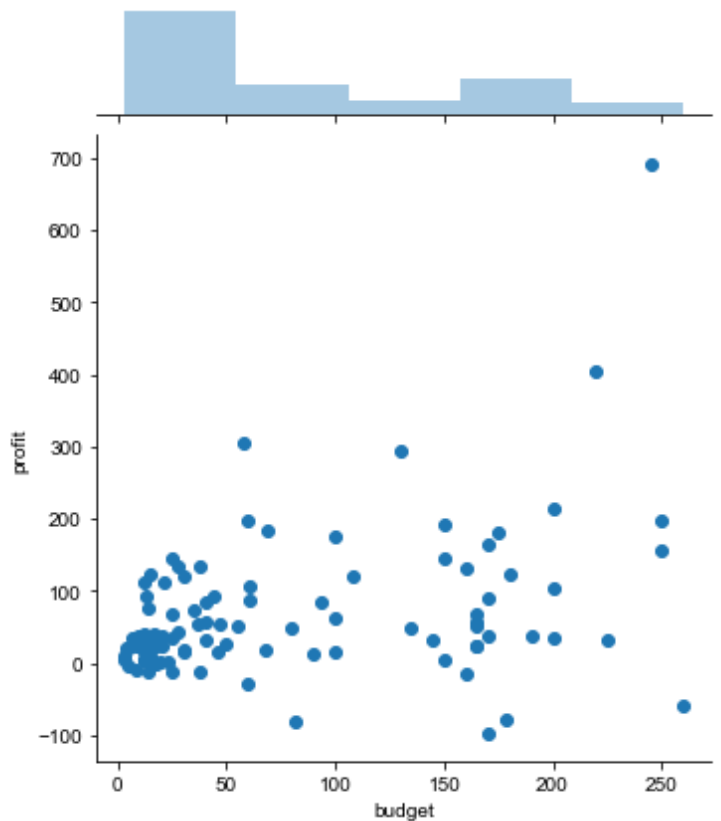
# THE MOST POPULAR TRIOS - I

| actor_1 _name | actor_2 _name | actor_3 _name | actor_1 _facebo ok_likes | actor_2 _facebo ok_likes | actor_3 _facebo ok_likes | Total likes |
|---|---|---|---|---|---|---|
| Dev Patel | Nicole Kidman | Rooney Mara | 33000 | 96000 | 9800 | 138800 |
| Leonardo DiCaprio | Tom Hardy | Joseph Gordon-Levitt | 29000 | 27000 | 23000 | 79000 |
| Jennifer Lawrence | Peter Dinklage | Hugh Jackman | 34000 | 22000 | 20000 | 76000 |
| Casey Affleck | Michelle Williams | Kyle Chandler | 518 | 71000 | 3300 | 74818 |

# THE MOST POPULAR TRIOS - II

| Joseph Gordon-Levitt | Leonardo DiCaprio | Tom Hardy |
|---|---|---|
| Hugh Jackman | Jennifer Lawrence | Peter Dinklage |
| Christian Bale | Joseph Gordon-Levitt | Tom Hardy |

# RUNTIME ANALYSIS

Most of the movies run sharp 2 hours. only few movies run 3 hours where as number of movies run more than 2 hours is more
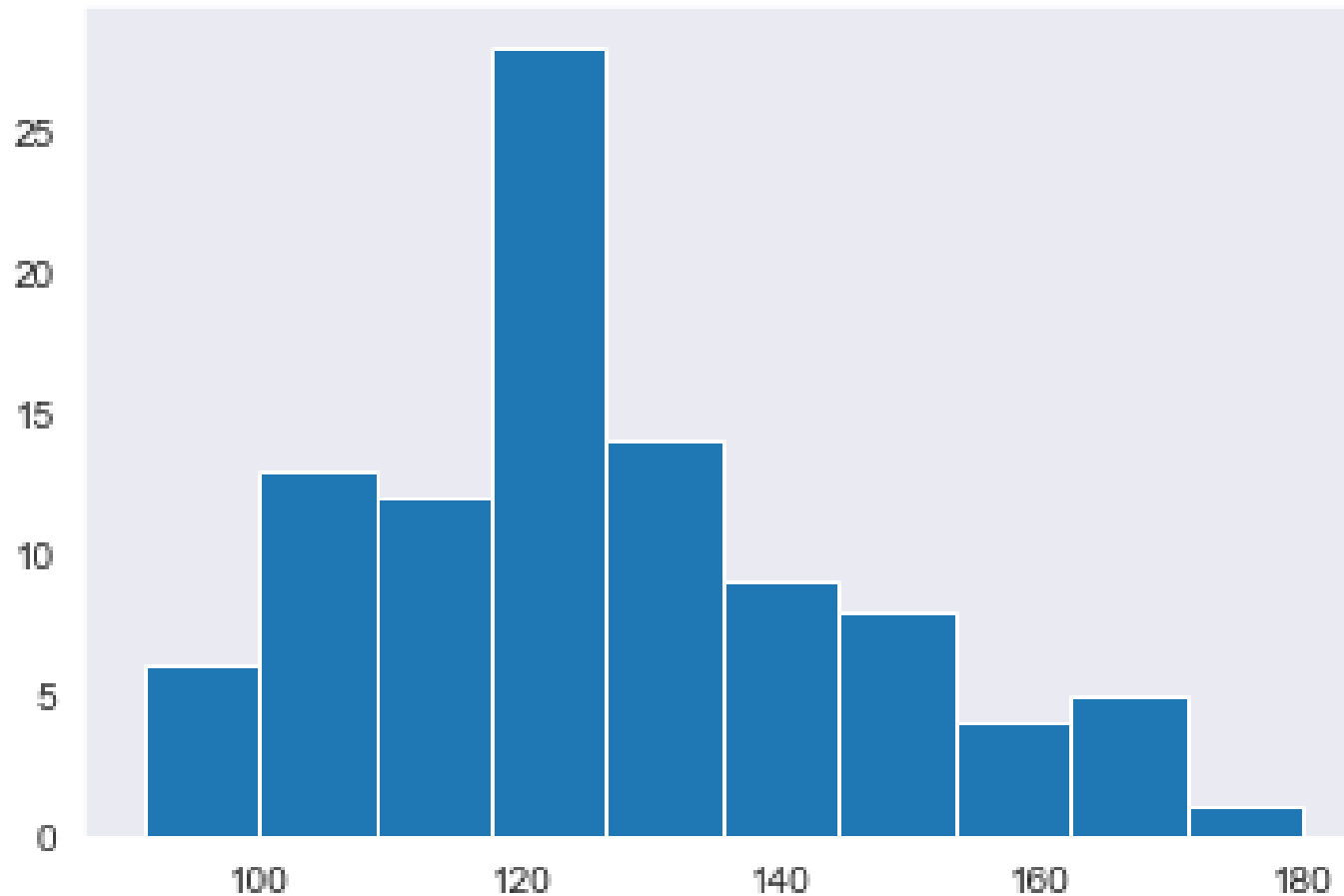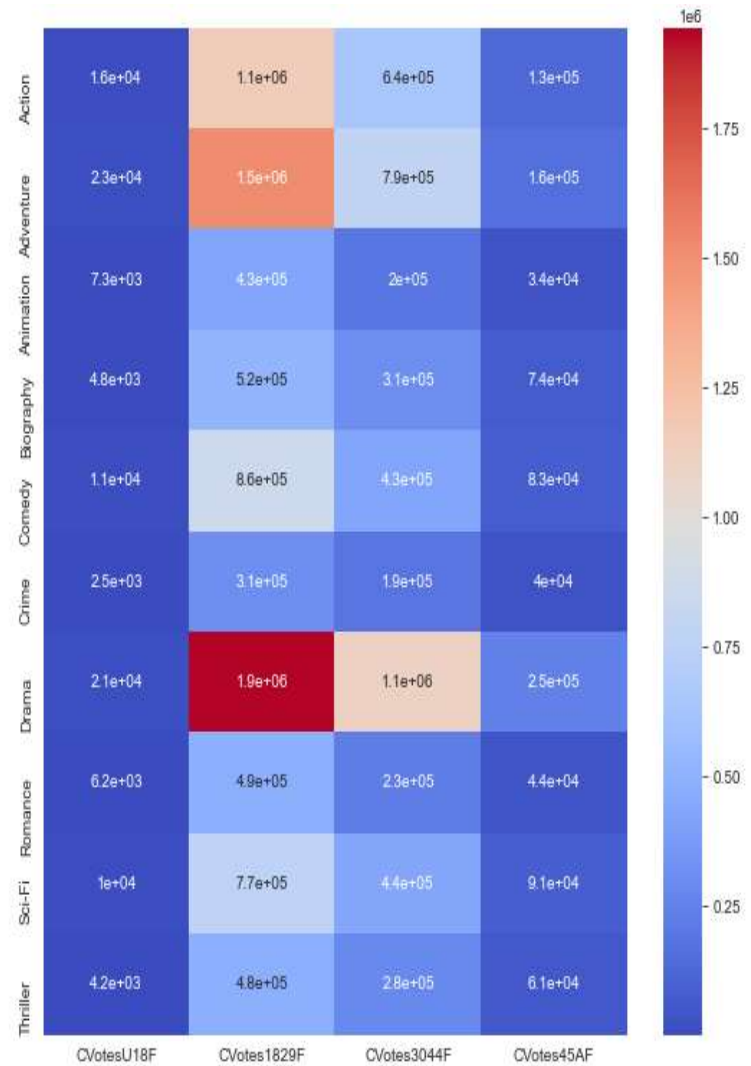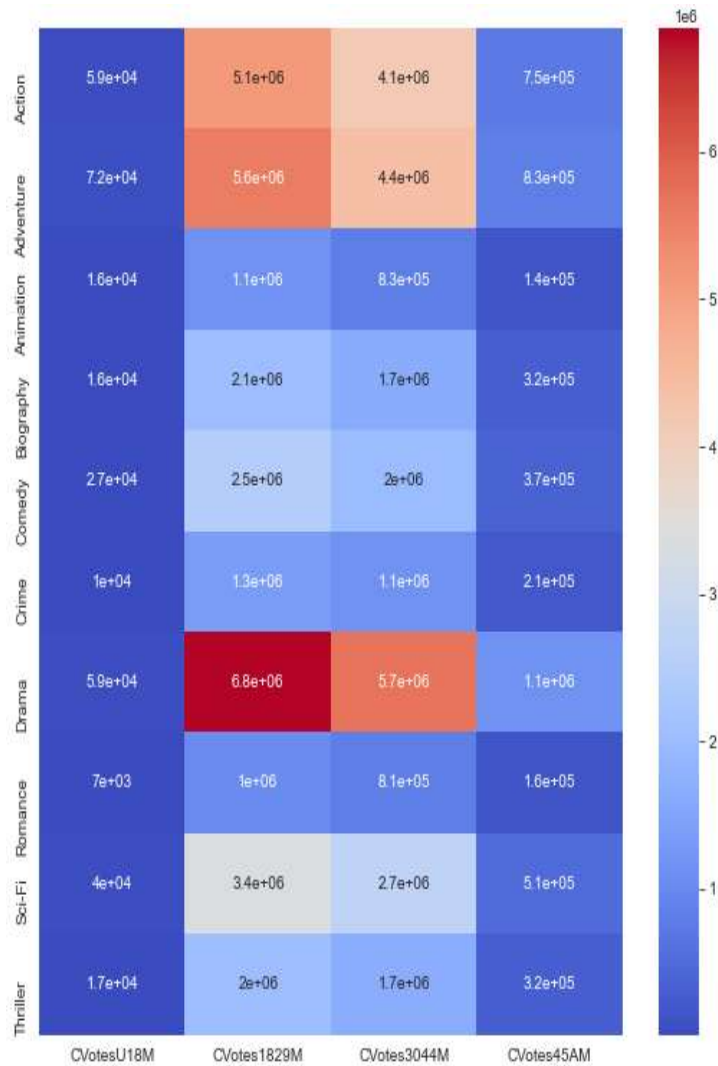
# GENRE COUNTS
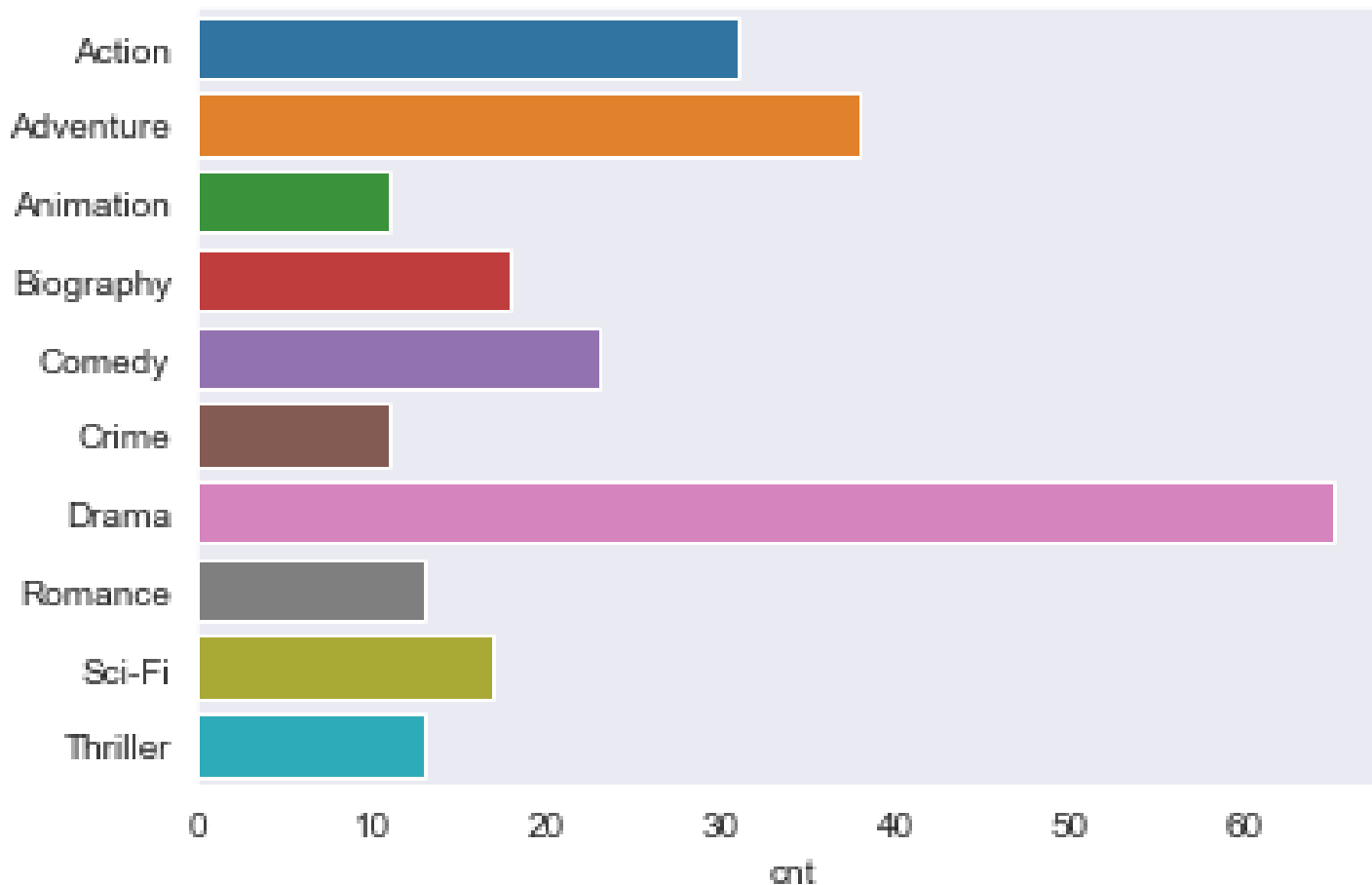


The genre "Drama" has count. More number of people like dramatic movies and there are few animation movie lovers.

# GENDER AND GENRE

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A few inferences that can be seen from the heatmap above is that males have voted more than females, and Sci-Fi appears to be most popular among the 18-29 age group irrespective of their gender.

1) Genre romance has got the least number of votes among any age group of males, but there is no such pattern among the females

2) Action seems to be the more popular genre among the under 18 males, and Animation appears to be the most popular genre among under 18 females.

3) 18-29 age group seems to be most actively voting for any genre irrespective of gender
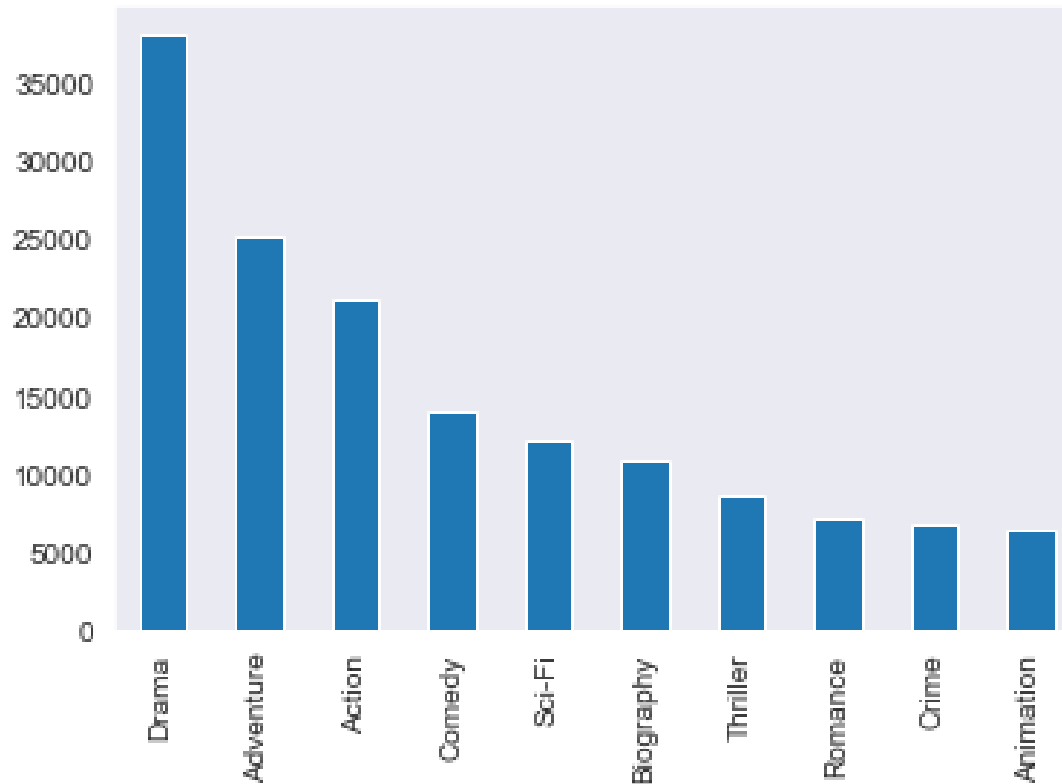
# US VS NON-US CROSS ANALYSIS
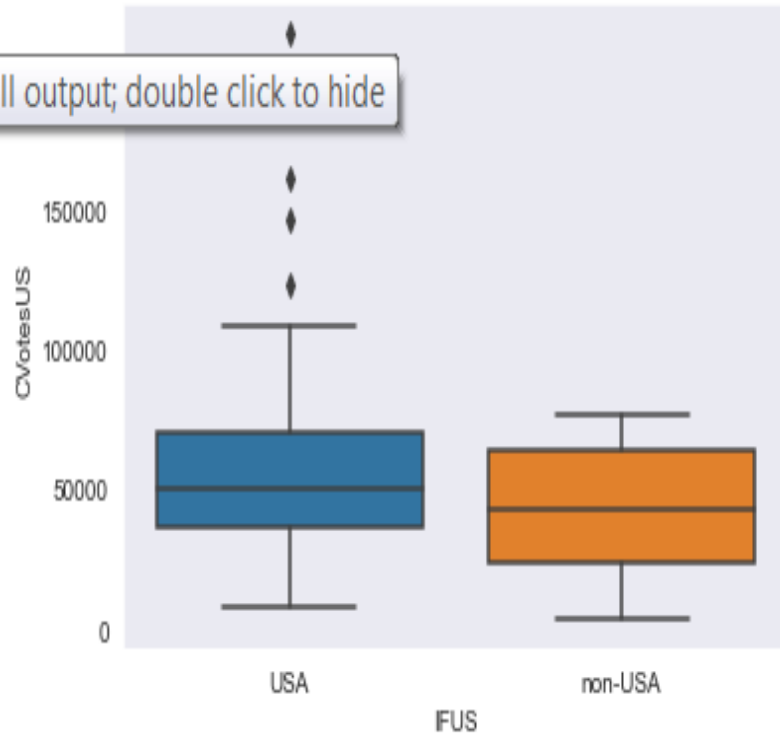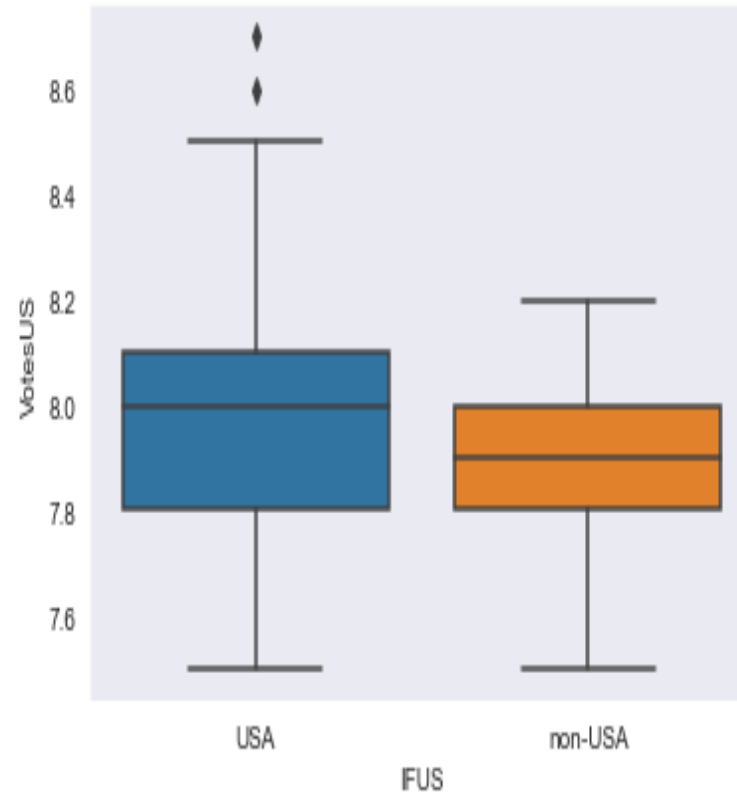


| CVotesUS vs IFUS | VotesUS vs IFUS |

# TOP 1000 VOTERS VS GENRES



Drama, Adventure, Action and Comedy movies are more likely watched and rated by top 1000 voters.