Data Exploration through Tableau

Animated Movies IMDb

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This dataset contains 85 animated movie titles with their different attributes. Fig. 1 shows that the year 2010 has the highest number of votes which means that the number of people voting for animated movies were the highest in that year. The next highest number of votes belongs to the year 2001.

Sheet 5

2600K
2400K
2200K
2000K
1800K
1600K
1200K
1000K
800K
600K
400K

Year

Fig. 1 The Trend of Number of Votes Over the Years

The trend of sum of Votes for Year.

Fig. 2 demonstrates that Adventure, Comedy genre has the highest number of votes which can be interpreted as Adventure, Comedy being the most popular genre among people because the more popular the genre is, the more people tend to vote for the movies.

Sheet 4 Genre 12M 10M 8M Votes = 6M 4M 2M Sci-Fi Action, Adventure Adventure, Family Adventure, Drama Family, Fantasy Drama, Family Drama, Fantasy Adventure, Fantasy Comedy, Family Drama, War Comedy, Drama Action, Drama Comedy, Fantasy Action, Crime Biography, Drama Crime, Drama Biography, Crime Adventure, Comedy

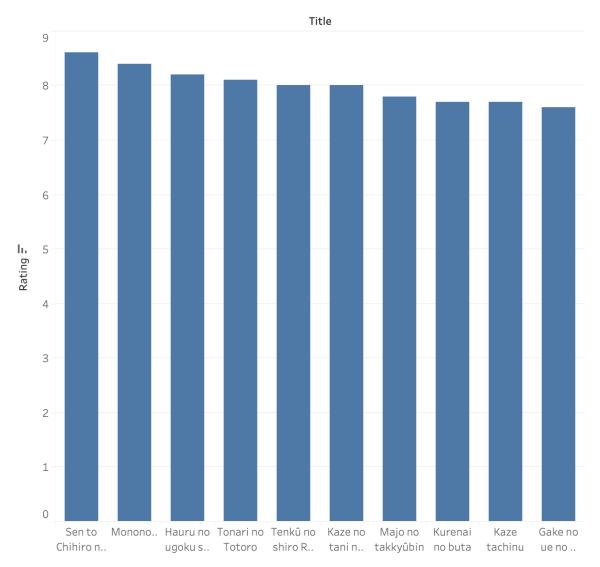
Fig. 2 Number of Votes for Each Genre

Sum of Votes for each Genre.

Fig. 3 shows the number of ratings for the movies directed by Hayao Miyazaki. The Highest ranked movie is Sen to Chihiro no Kamikakushi (or Spirited Away) which means this is the most popular movie of this director. Miyazaki's second most popular movie is Mononoke Hime (or Princess Mononoke).

Fig.3 Number of Ratings for Each Movie Directed by Hayao Miyazaki

Sheet 1



Sum of Rating for each Title. The data is filtered on Director, which keeps Hayao Miyazaki.

According to Fig. 4, the most popular director in the dataset is Pete Docter and the second most popular director is Hayao Miyazaki.

Pere Doctor
Hayoo Myszaki Andrew Stanton
Book Book Myszaki Andrew Stanton
Book Book Myszaki Andrew Stanton
Book Adamson
Book Colley
Book Adamson
Book Adamson
Book Adamson
Book Colley
Book Colley
Book Colley
Book Adamson
Book Colley
Boo

Fig 4. Number of Votes for Each Director

Sum of Votes for each Director.

Fig. 5 shows that the movie Sen to Chihiro no Kamikakushi (or Spirited Away) by Hayao Miyazaki has the highest average rating (8.6) which means it is the most popular movie in this dataset (as it should be because it is indeed the best animated movie of all time!!).

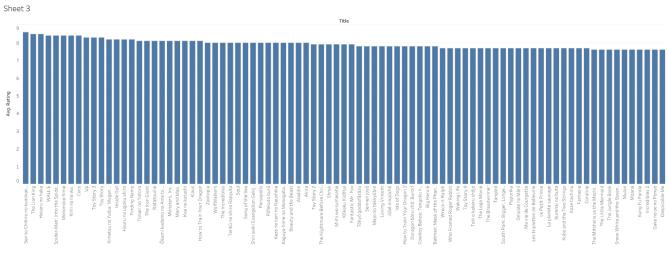


Fig 5. Average of Rating for Each Title

 $\label{eq:continuous} \textbf{Average of Rating for each Title. Details are shown for Director.}$