Movie Domain

Team 19 Free-Range Chickens
Julia Han, Kaiming Zhang, Sean Harmon, Mike Nguyen

Pycharm was used in this project to create data tables or access and manipulate already created data tables in datagrip. Excel was used to generate randomized data which were then used to create the figures depicted in this poster for analysis.

Figure 1

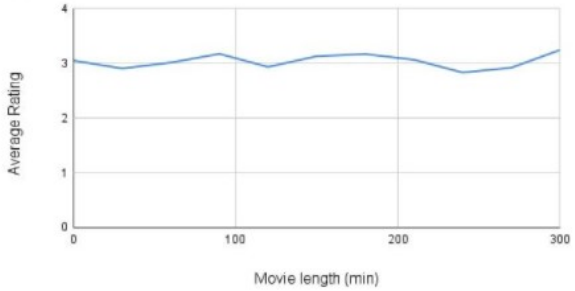

Fig. 1 represents a line graph with the x-axis set to movies ranging in 30 minute intervals and the y-axis set to average user rating.

Figure 1 suggests that there is no correlation between user rating and movie length as the average movie rating is about 3 stars regardless of the movie length.

Figure 2

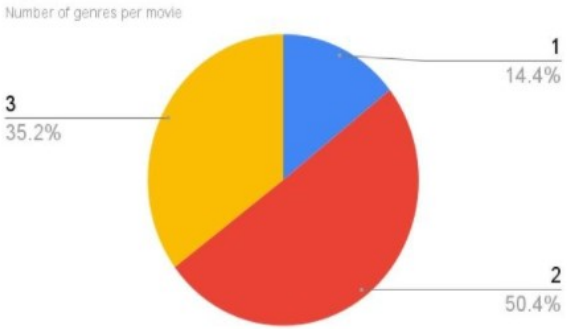

Fig. 2 represents a pie graph displaying the distribution of movies per number of genres.

Figure 2 suggests that the majority of movies within the database contain movies with two specified genres in comparison to movies with 1 or 3 specified genres as the number of movies with two specified genres are over three times as abundant as movies with only one genre and almost 1.5 times as abundant as movies with three genres.

Figure 3

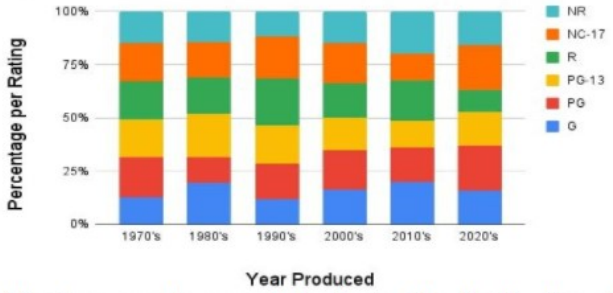

Fig. 3 represents a graph displaying the distribution of mpaa ratings for movies categorized by decade.

Figure 4

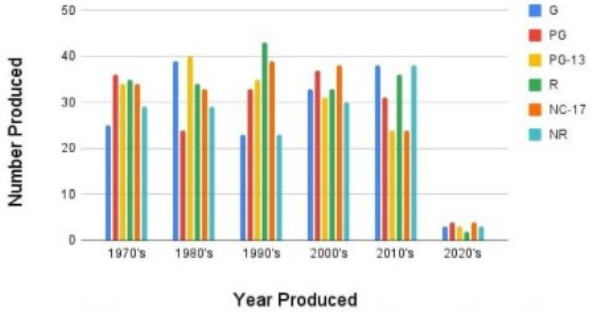

Fig. 4 represents a bar graph displaying the number of mpaa ratings per decade.

Figure 3 suggests that there is no correlation between rating and decade released since the distributions were fairly consistent throughout each decade. Figure 4 suggests that significantly less movies were released in the year 2020 than the previous decades. Despite this, the distribution is still consistent with the conclusion that there is no correlation between rating and decade released as shown by Figure 3