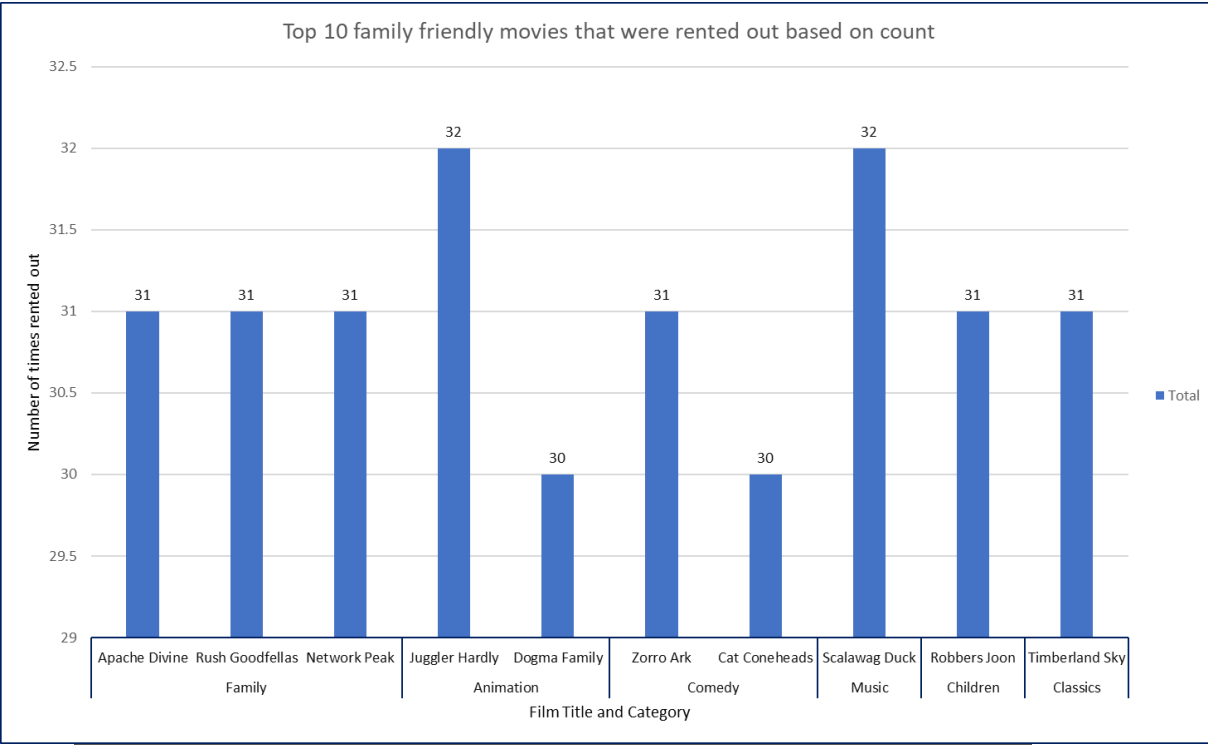


Analysis of Sakila DVD Rental database

Top 10 family friendly movies that were rented out based on count

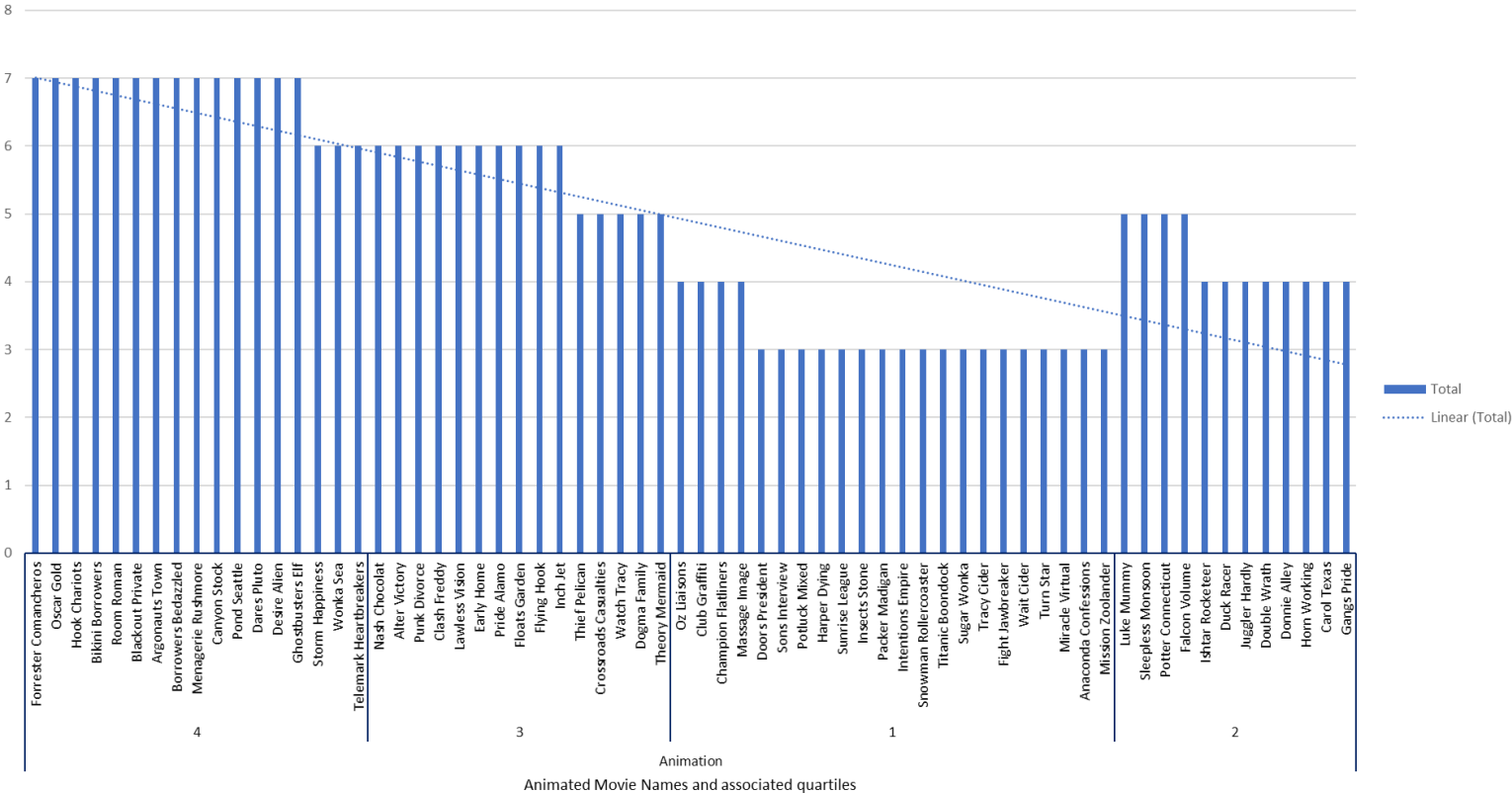


The plot shows Top 10 family friendly movies that were rented out based on count.

It is evident from the data, that most families watched the movie "Juggler Hardly" under Animation category and "Scalawag Duck" under Music category followed by movies with almost the same interest under 'Children', 'Classics', 'Family' and 'Comedy' categories

Animated Film Titles by Rental Duration and associated Quartiles

Animated Film Titles by Rental Duration and associated Quartiles

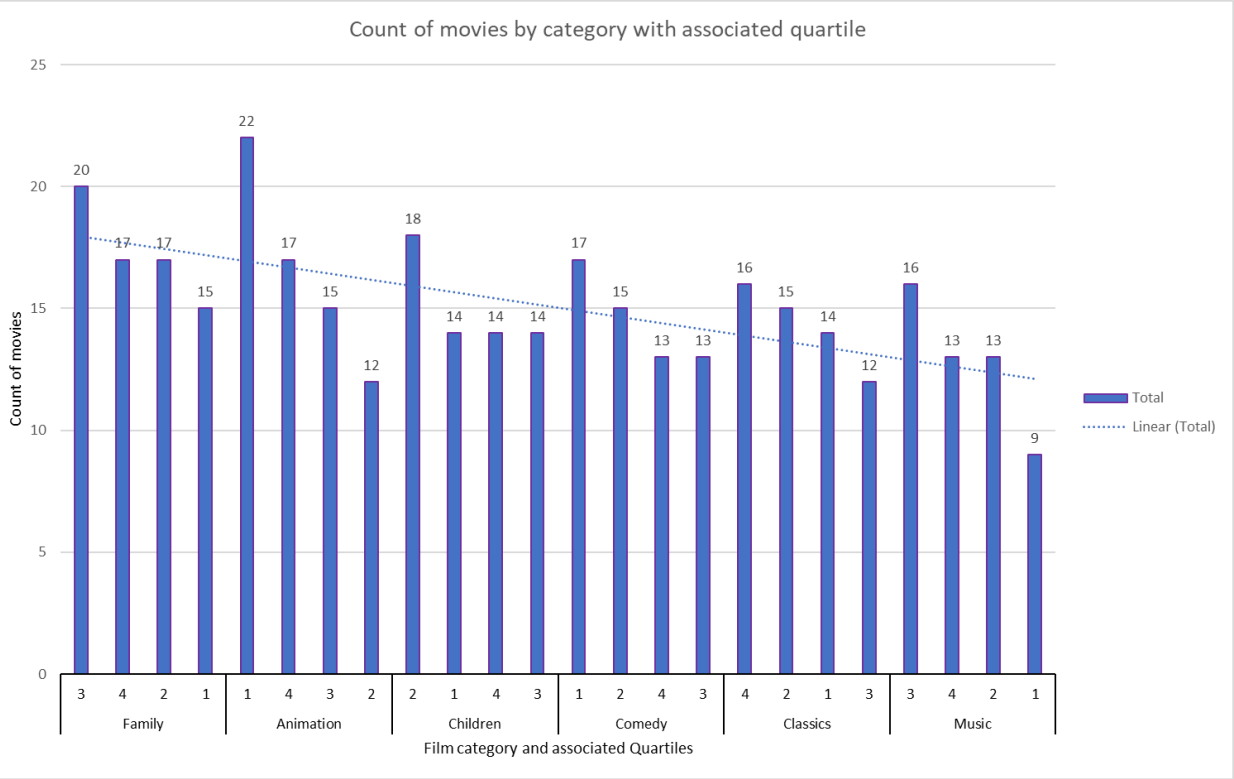


This chart shows Animated Film Titles by Rental Duration and associated Quartiles

As per the chart, most number Animated movies fell under the 4th quartile with a rental duration of 7 and 6 and the least number of Animated movies fell under the 2nd quartile with a rental duration of 5 and 4.

The trend line shows a decrease in rental duration through 4th, 3rd, 1st and 2nd quartiles

Graph showing Family-friendly film categories, associated quartiles based on rental duration, and the corresponding count of movies within each quartile



This Graph shows Family-friendly film categories, associated quartiles based on rental duration, and the corresponding count of movies within each quartile.

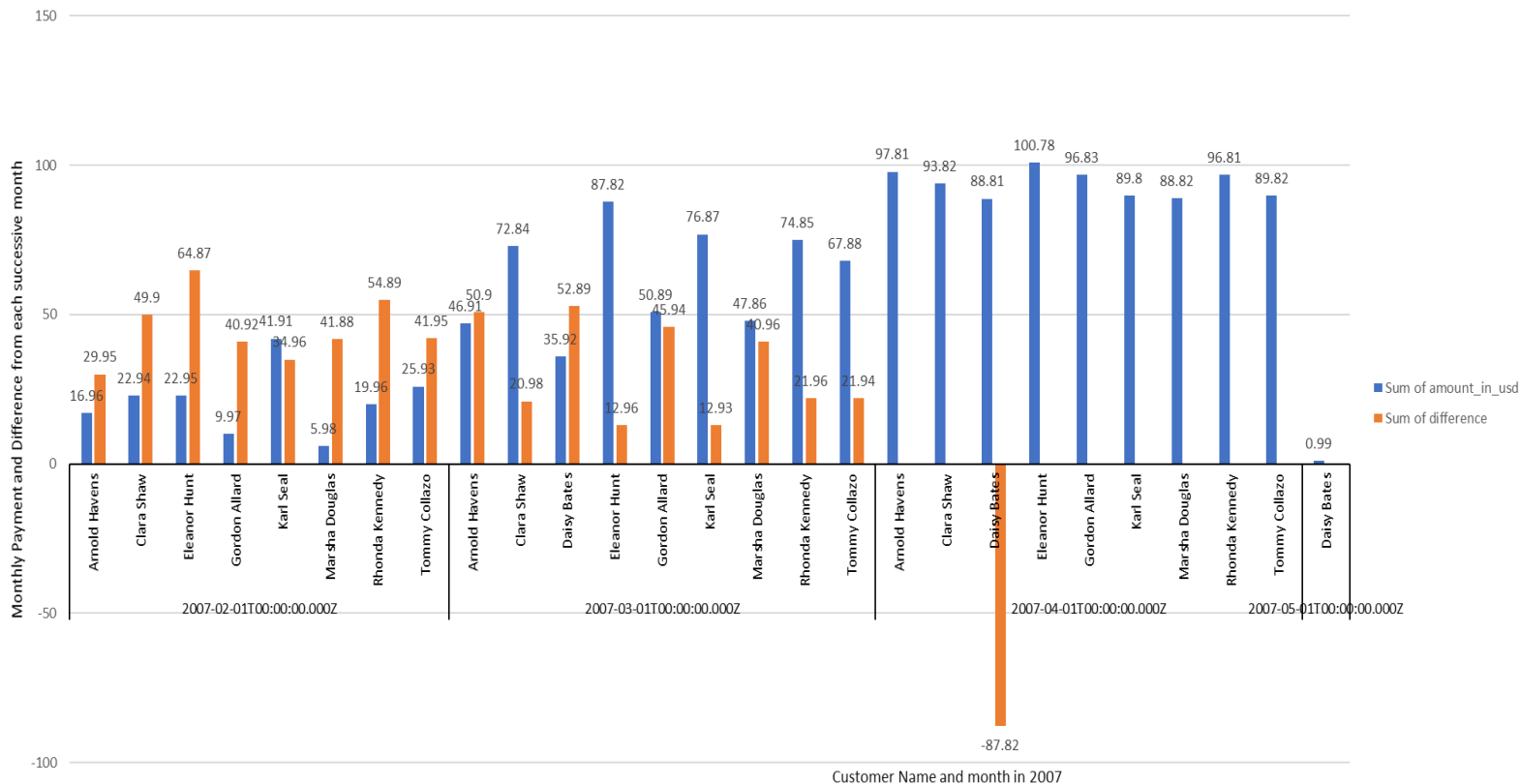
We can see that ‘Animation’ has the highest number of movies in the first quartile in its own category than among all other categories.

Overall ‘Family’ has highest count of movies distributed across 3rd,4th,2nd,1st quartiles in descending order.

The trend line shows a decrease in rental duration in each quartile through Family, Animation, Children, Comedy, Classics, Music film categories

Difference across monthly payments in each successive month during 2007 for top 10 paying customers

Difference across monthly payments in each successive month during 2007 for top 10 paying customers



This graph shows the difference across monthly payments in each successive month during 2007 for top 10 paying customers.

The customer Eleanor Hunt paid the maximum difference of \$64.87 during March 2007 from \$22.95 in February of 2007.

The customer Daisy Bates paid the minimum difference of -\$87.82 during April 2007. This is due to the fact that this customer had spent \$88.81 in Apr 2007 and \$0.99 in May 2007.