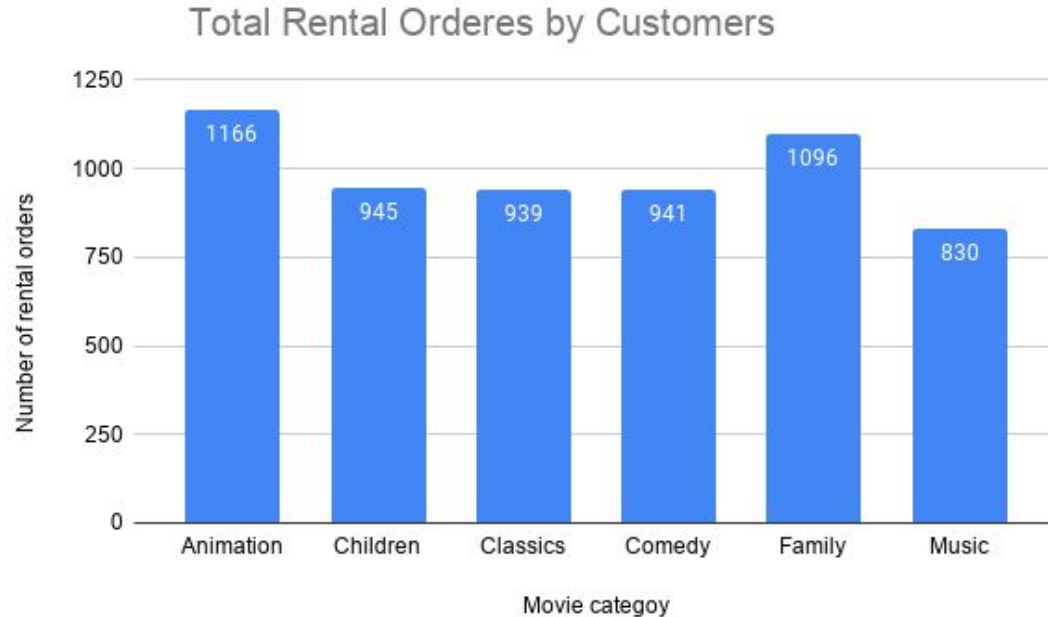


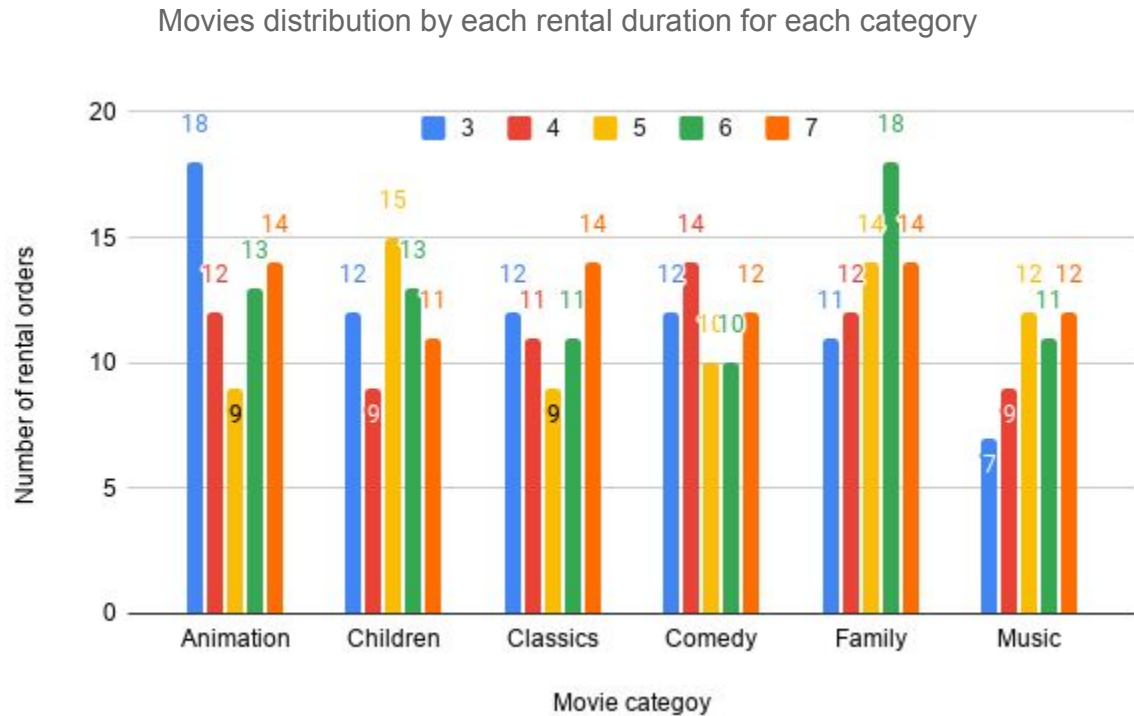
What is the trend in the number of total rental orders till now for each category of family movies ?



This graph shows rental orders for each category of family movies.

From the plot we understand that families often go for 'Animation' category and then 'Family category', then they almost rent 'children', 'comedy' and 'classic' categories with close numbers. By the end 'music' comes last which means that it the least interesting category for families to rent .

For all rental orders till now, how the length of rental duration of specifically 'Family' category movies compares to the duration that all family movies are rented for?

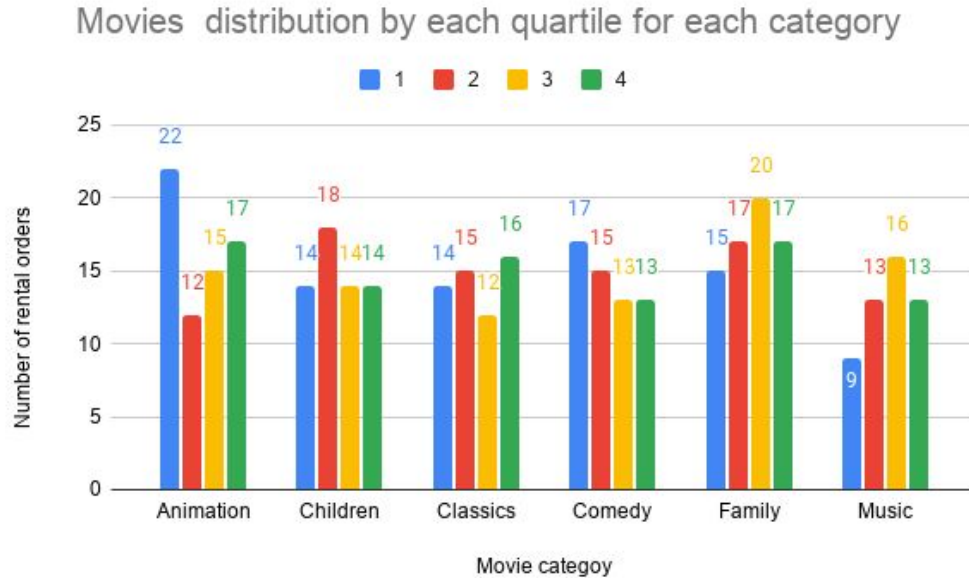


This graph shows movies distribution by each rental duration for each category of family movies.

We first notice that the maximum number of movies in the 'Family' category are rented for 6 days while in 'Animation category' they are rented for 3 days.

Also we clearly see that the minimum number of rental orders is in 'Music' category which are rented for 3 days.

How can we compare the number of movies in each quartile for each category of family movies if we sort all movies according to the rental duration in ascending order of duration?



This graph shows movies distribution by each rental quartile for each category of family movies in case where all all movies according to the rental duration in ascending order of duration.

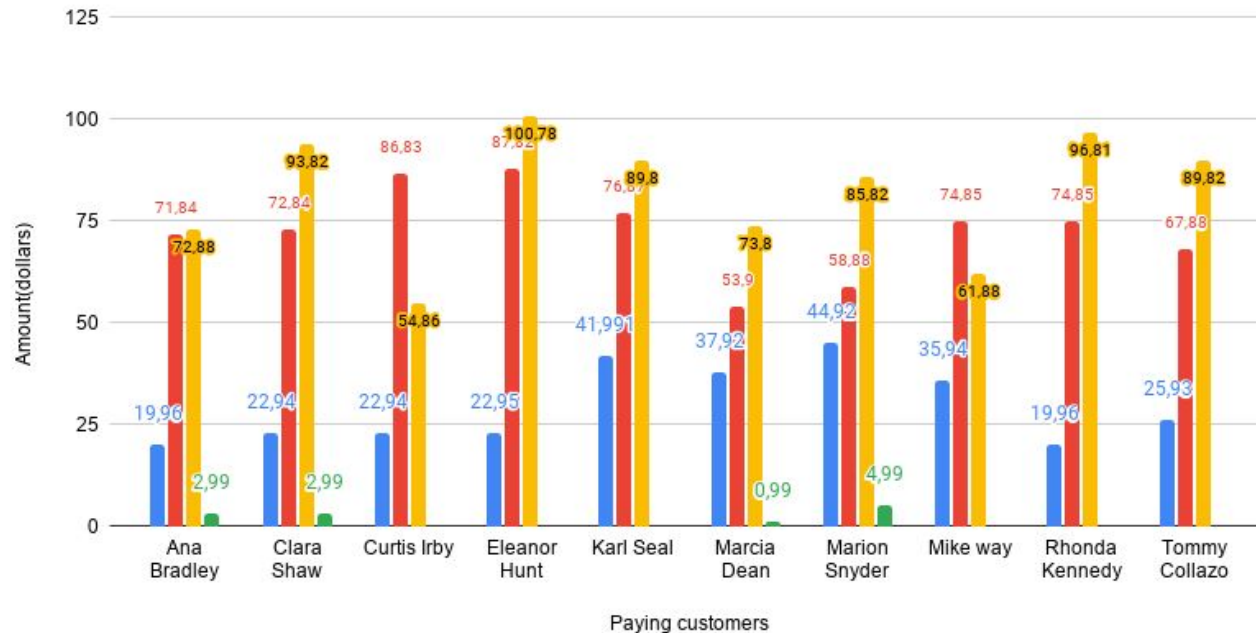
We immediately notice that the highest number of movies among all categories is in the 'Animation' category exactly in the first quartile. then the second highest number in the same category is 17 in the fourth quartile, followed by 15 in the second quartile then 12 in the second quartile.

we can study all categories and make comparison in the same way.

Who were the top 10 paying customers and what was the amount of the monthly payments they made in 2007 ?

TOP 10 paying customers in 2007

Feb-07 Mar-07 April-07 May-07



This graph shows the Top 10 paying customers ordered by their names with the amount of monthly payments they made 2007.

We clearly see that the top monthly payment was made by Eleanor Hunt, she made a payment of 100.78 dollars in April 2007.