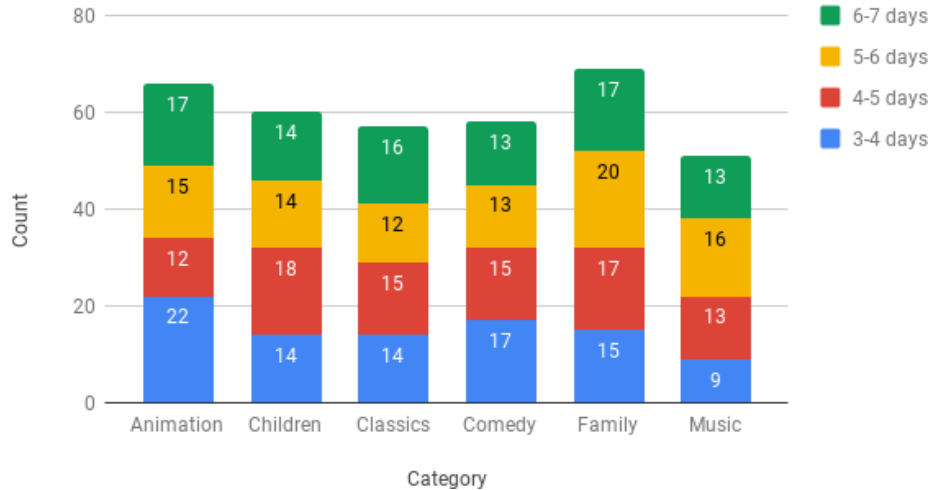


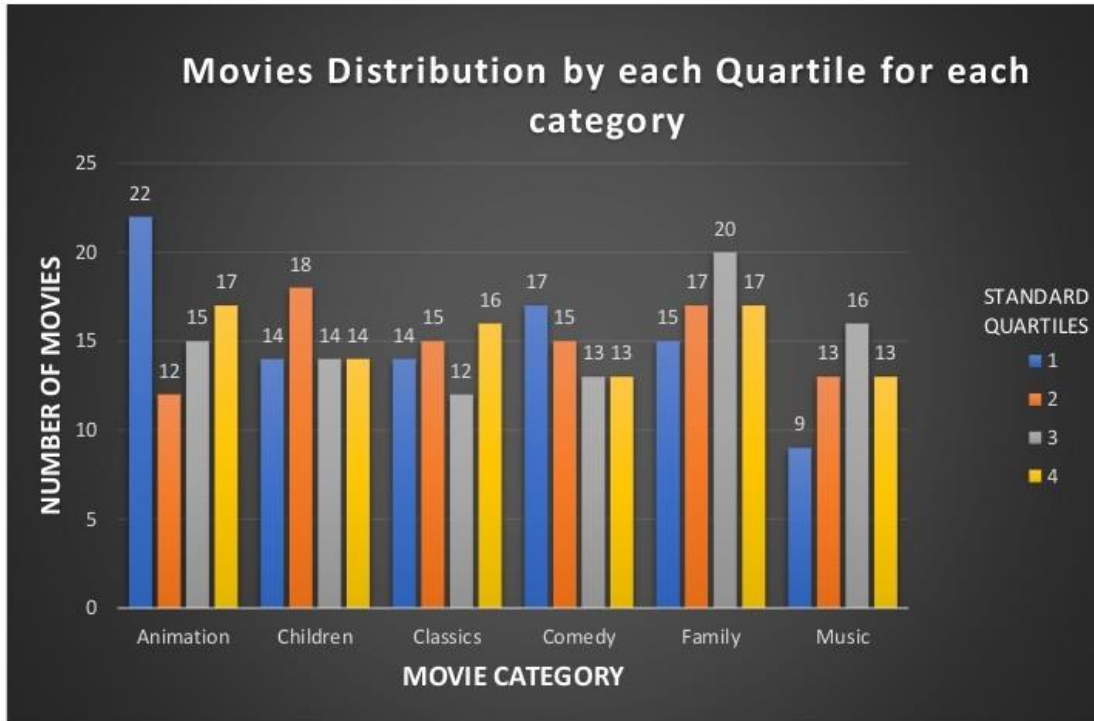
Q1-What is Family-Friendly Movies Rental Duration?

Rental Duration for Family Friendly Category Movies



From the visual, we can conclude that the movies in the Family category is the most popular. Customers also tend to rent movies from this category the longest (5-7 days).

Q2 – What is the comparison based on the number of movies in quartile for each category of family movies?



Description: The plot here shows the distribution of movies by each quartile for each category of family movies when within the database all movies were sorted according to the rental duration in ascending order of duration. Hence, if we see the 'Animation' category, we can clearly tell that it has the highest number of movies in the first quartile in its own category and among all other categories. Within the category, there are 17 movies in the fourth quartile on the second place followed by number of movies in the third and fourth quartile. Similarly, we can do comparison for other categories.

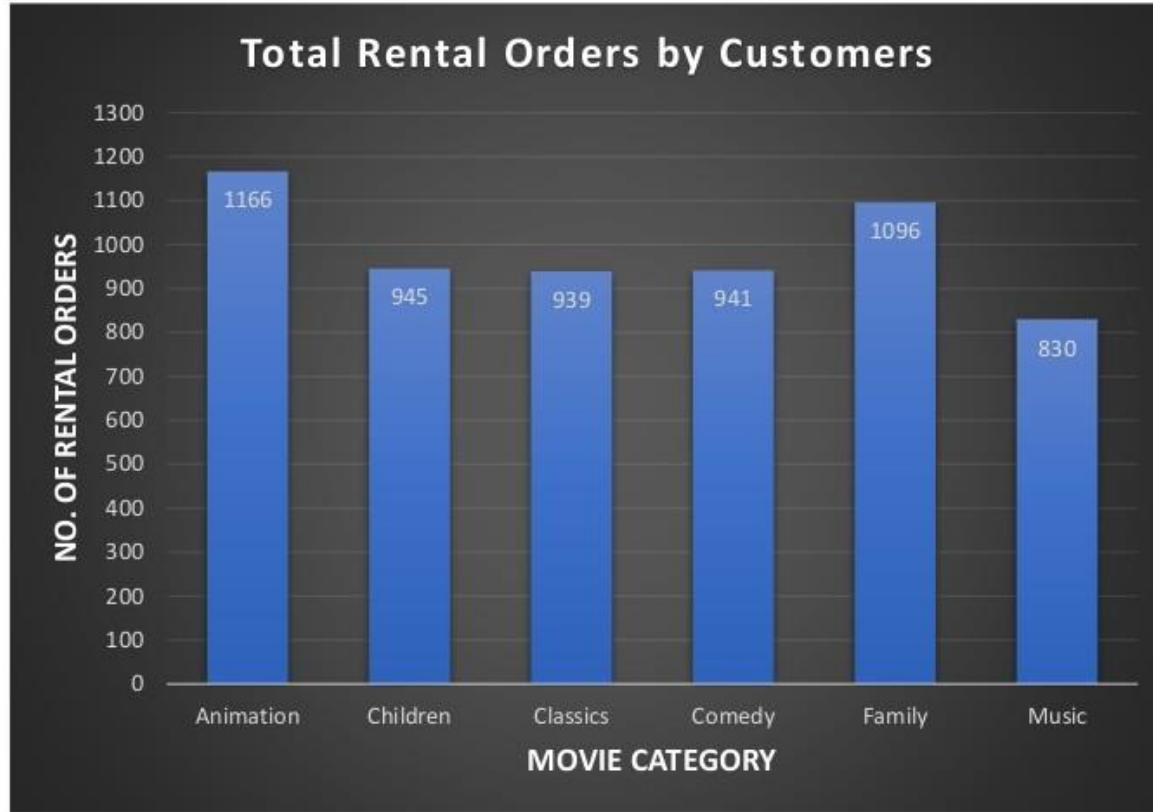
Q 3 – What is the amount spent by the top 10 paying customers between February and May?



Description: The plot is showing the top 10 paying customers in 2007 in order of their names with the amount of the monthly payments they made in 2007.

As we can see here, that Eleanor Hunt has made the top monthly payment of \$100 in April 2007.

Q 4 – What is the trend of total orders for each category of family movies?



Description: The plot is showing the rental orders for each category of family movies till now.

It is evident from the data that families are most likely to rent movies in the 'Animation' category followed by 'Family' category with almost the same interest for 'Children', 'Classics' and 'Comedy' categories and families show least interest to rent 'Music' category movies.