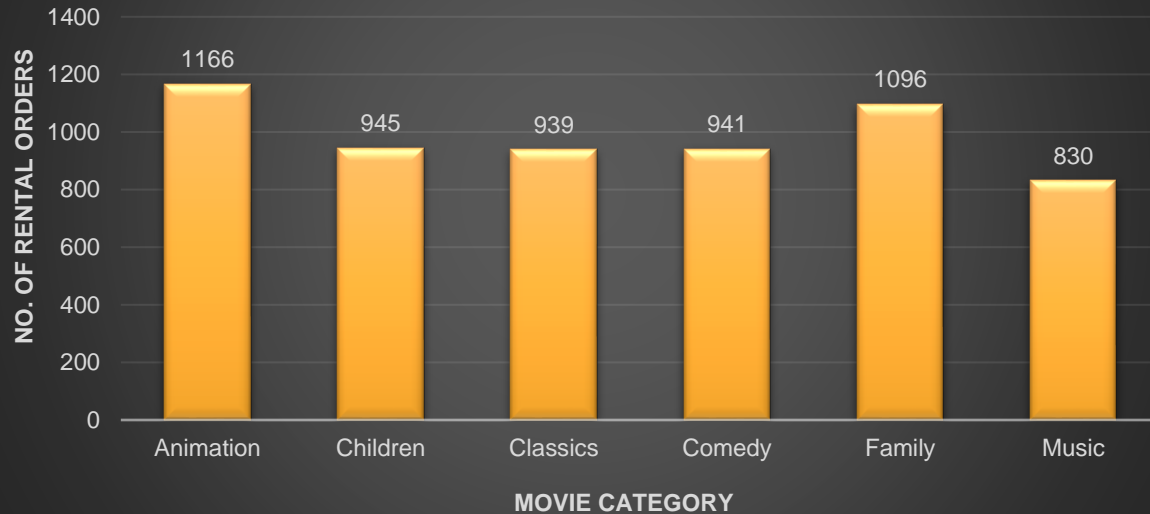# Which of the movie categories has the most rental orders ?

Total rental order by movie categories

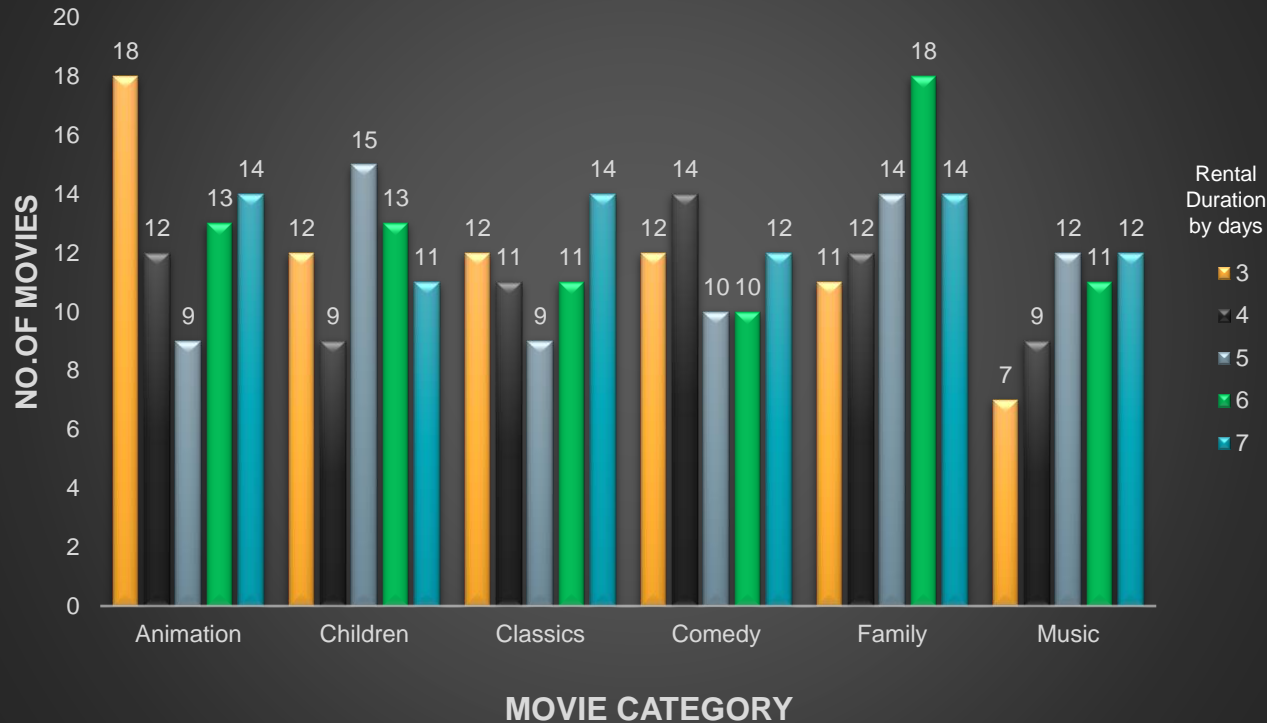| Movie Category	No. of Rental Orders
Animation	1166
Children	945
Classics	939
Comedy	941
Family	1096
Music	830

The plot is showing the number of rental orders by movie category.

As from this plot the data showed that the families are most likely and interested to rent the animation category movie . Followed by other categories with the same interest. Families show the least interest to rent the music category movie.

How the length of rental duration of these family-friendly movies compares to the duration that all movies are rented for ?
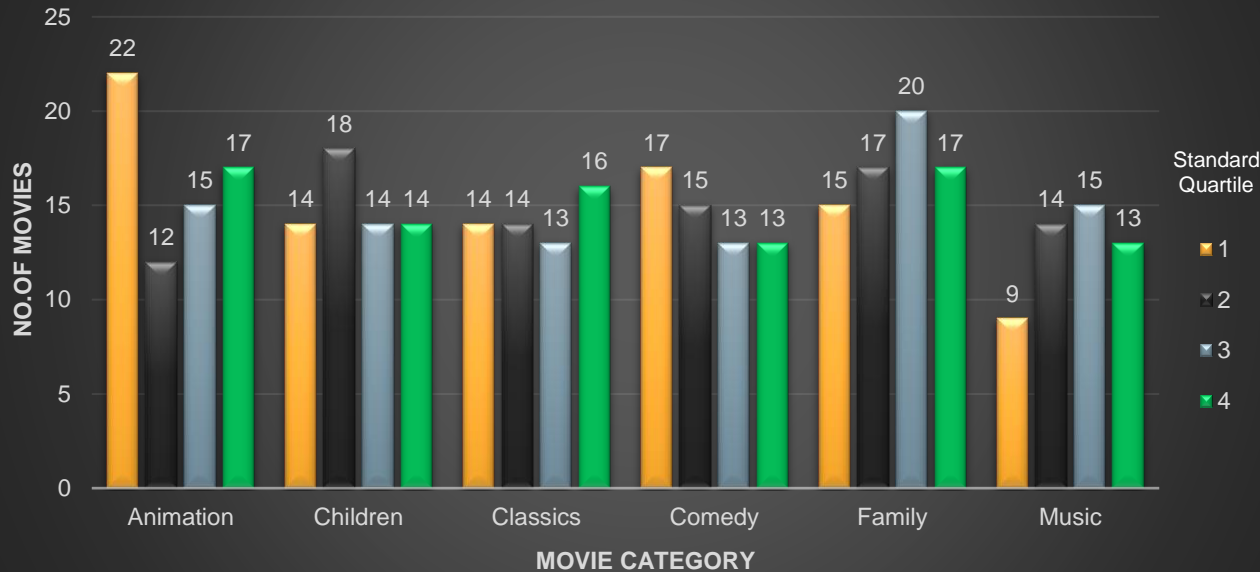

Rental Duration for each movie category

This plot shows the distribution of the movies by each rental duration for each movie category.

From the plot we can deduce that the 'Family' category movies has the highest rental duration (6 days)

'Animation' Category have movies which are rented for 3 days

How can we represent the rental duration for movies across the categories using percentile?
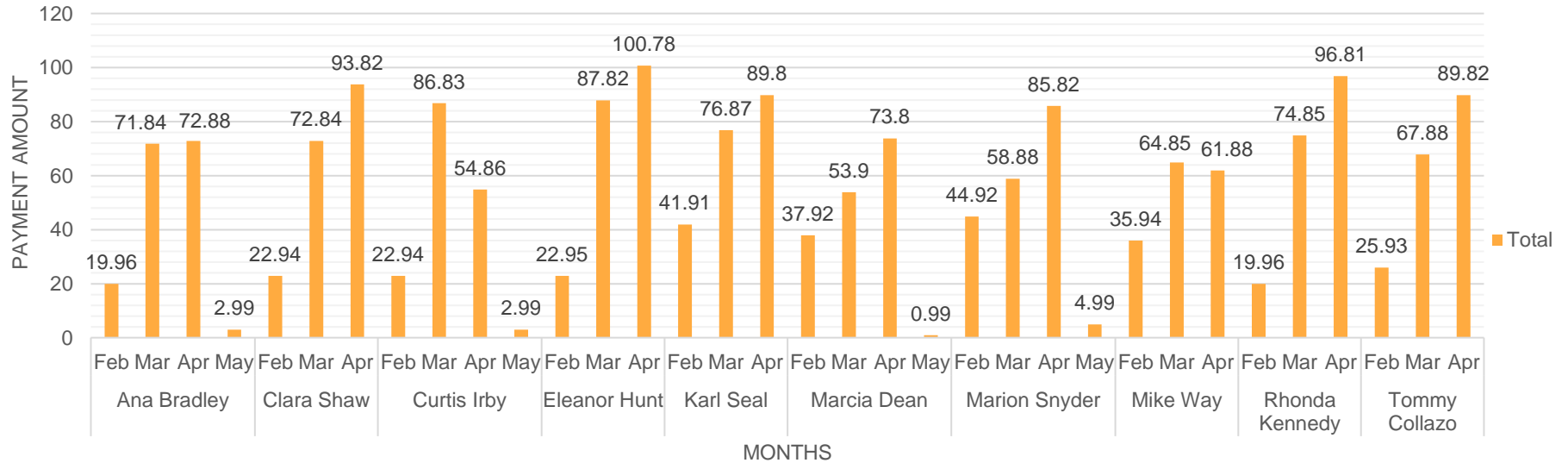

The distribution plot shows the movies distribution across all the categories that divided into four quartiles according to the rental duration.

As from the plot the 'Animation' category, shows that it has the highest number of movies in the first quartile in its own category.

In the 'Children' category shows that the highest number of movies is in the second quartile.

We would like to know who were our top 10 paying customers, how many payments they made on a monthly basis during 2007, and what was the amount of the monthly payments ?

Total Payments for top the10 customers in year 2007

This plot shows the total payments for the top 10 customers in year 2007 . As From the plot we deduce that the customer 'Eleanor Hunt' has the highest payment in 'April' month.