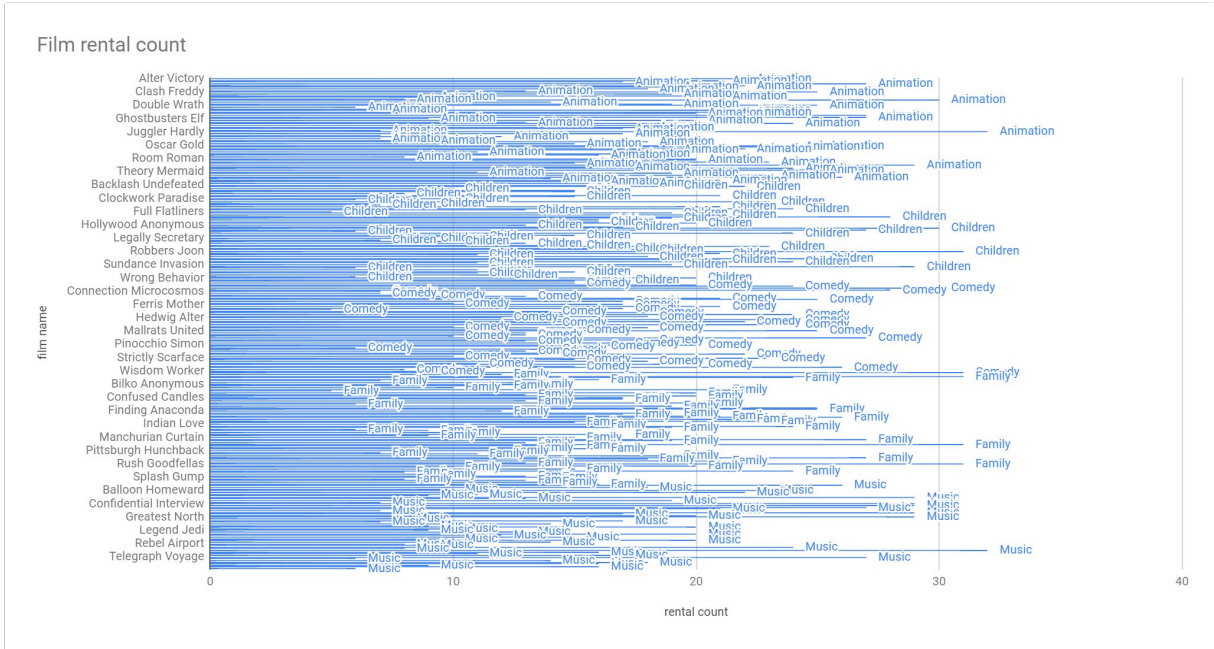


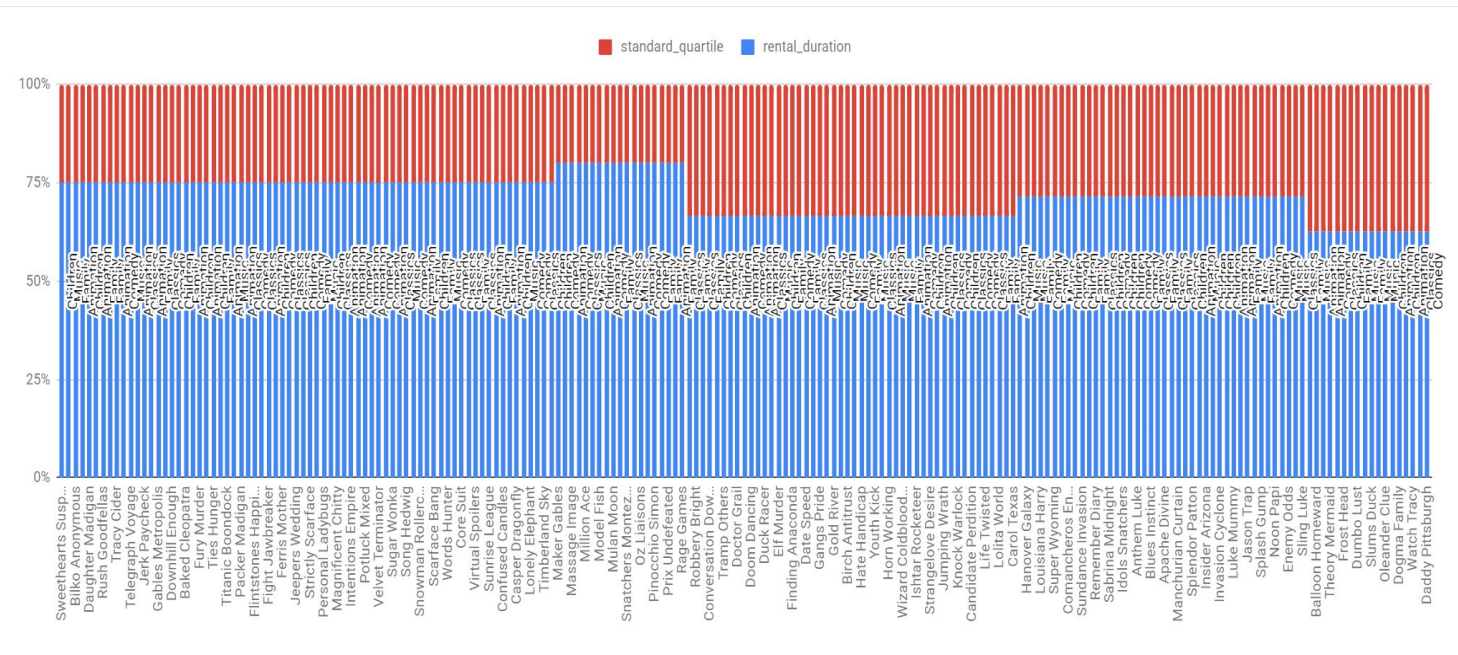
Can you create a query that lists each movie, the film category it is classified in, and the number of times it has been rented out?



The films rental count is equally matched between the categories. The most rented film is Juggler Hardy (Animation) which has been rented 32 times.

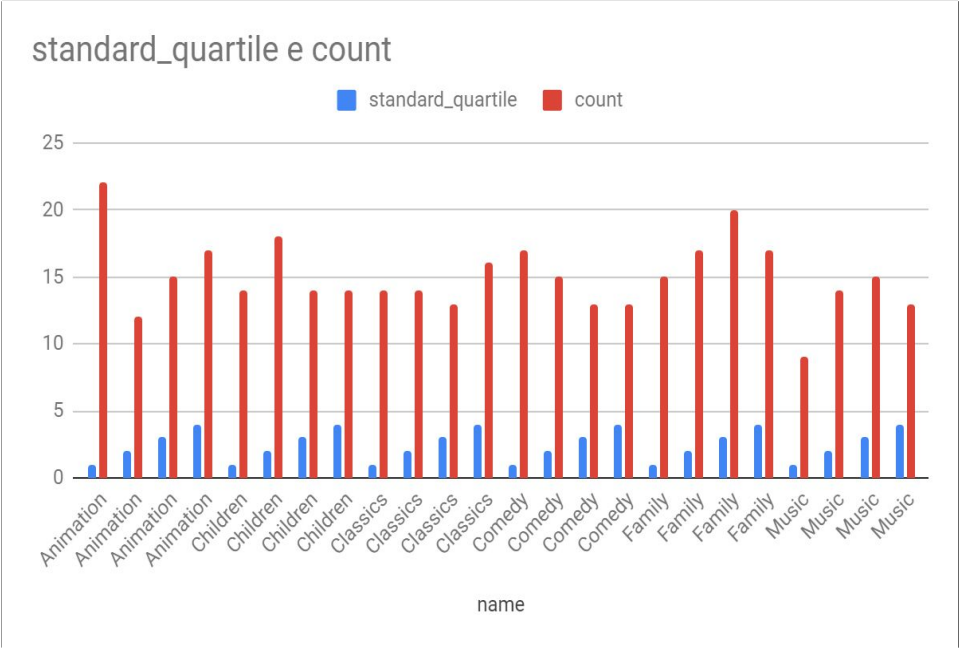
There are 6 films that were rented only 6 times.

Can you provide a table with the movie titles and divide them into 4 levels (first_quarter, second_quarter, third_quarter, and final_quarter) based on the quartiles (25%, 50%, 75%) of the rental duration for movies across all categories?



The rental duration for the family-friendly movies is much larger than the all-category movies rent duration.

Can you provide a table with the family-friendly film category, each of the quartiles, and the corresponding count of movies within each combination of film category for each corresponding rental duration category?



The distribution of movies in each of the quartiles is pretty homogenous.

For Animation movies we have on average 17 movies for each quartile, with a maximum of 22 within the first quartile and minimum of 12.

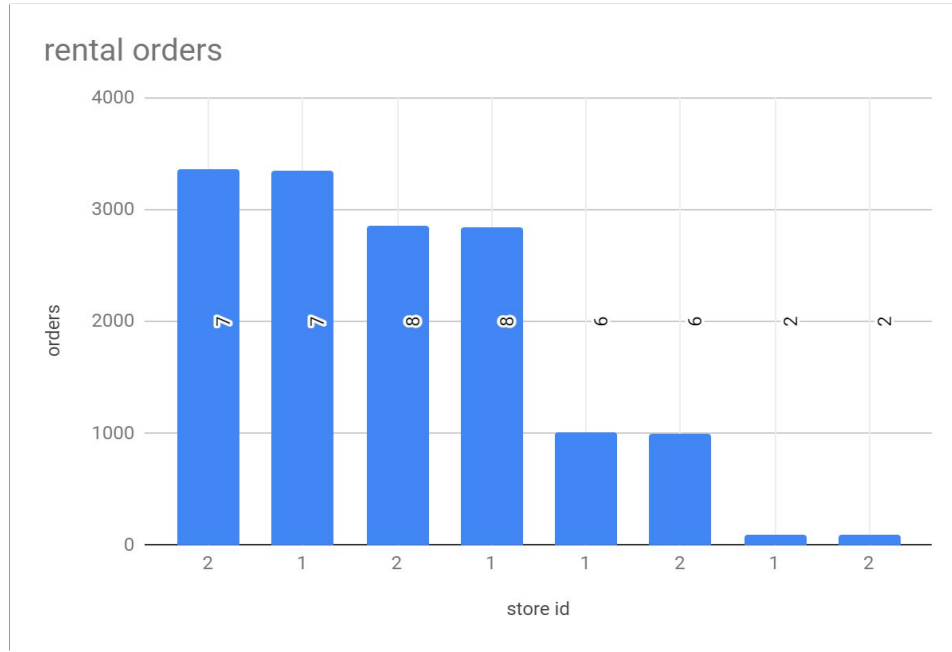
For Children movies the average is 15, with a maximum of 18 and a minimum of 14

For Comedy movies the average is 15, the maximum 17 and minimum 13.

For Family the maximum count is 20, average is 16 and minimum 15.

Finally for music the minimum is 9 within the first quartile, average is 13 and the maximum is 15 in the third quartile.

Can you write a query that returns the store ID for the store, the year and month and the number of rental orders each store has fulfilled for that month?



In this graph we can see how the movies rentals of the two stores are almost the same. The rentals for six months are much less compared to seven and eight months.

The rentals of 2006 are almost zero.