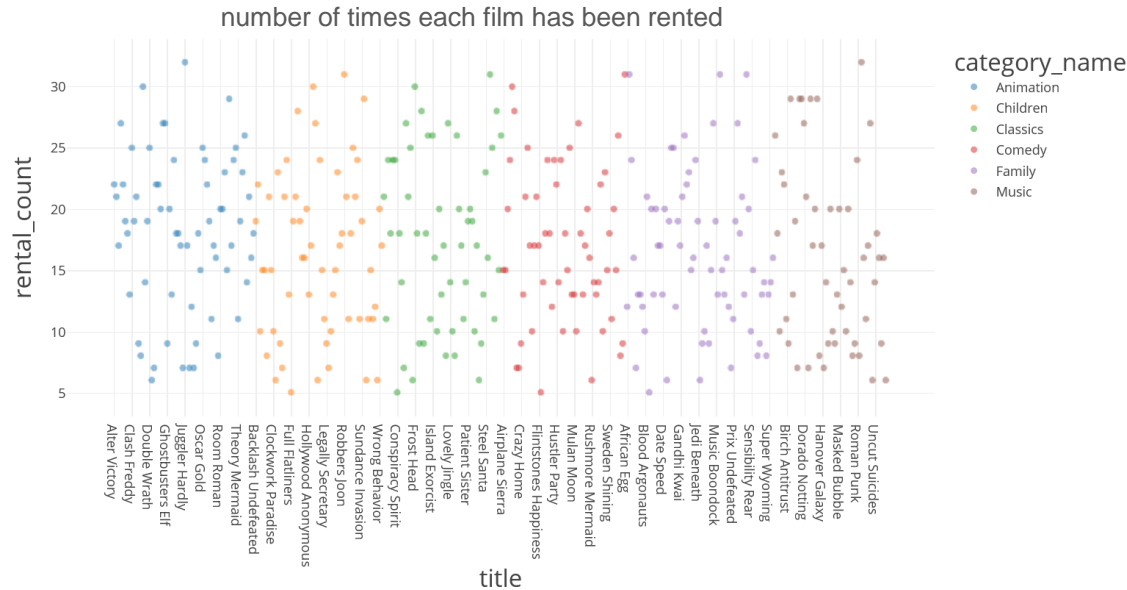# Question 1 – Set1: Create a query that lists each movie, the film category it is classified in, and the number of times it has been rented out
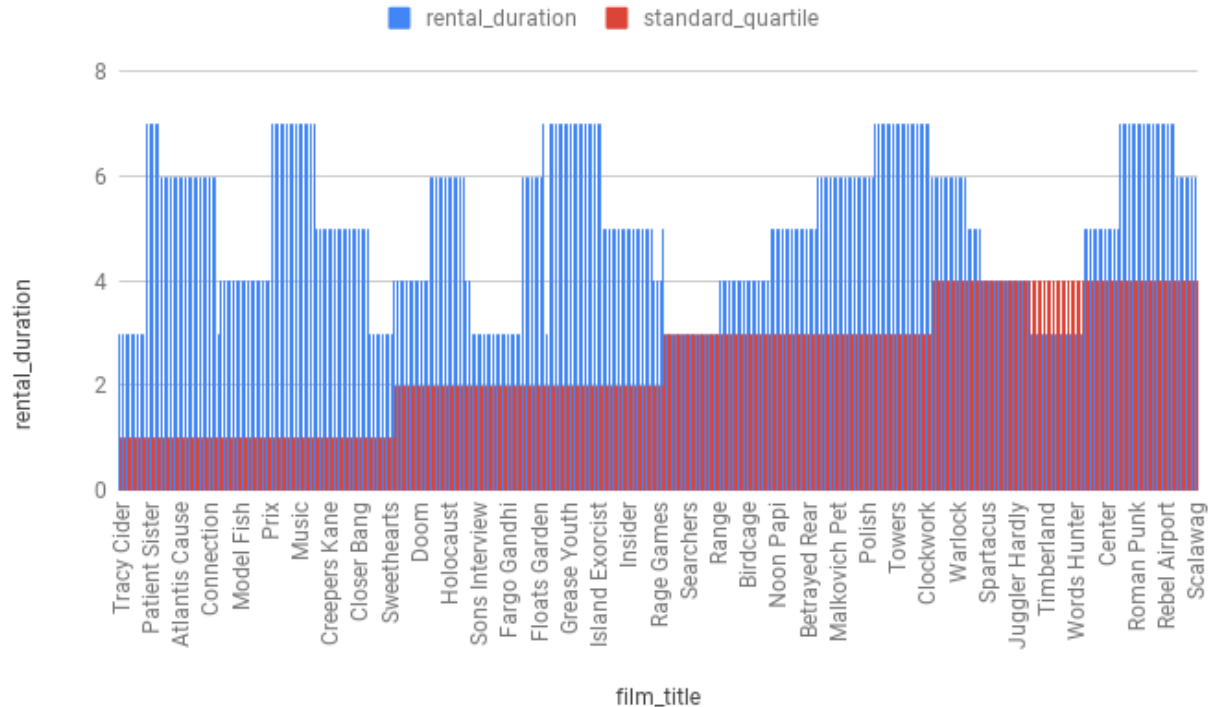
This query return all family-friendly films, each with its category name and number of times it has been rented. This can help us know which category is the most sought out in terms of family-friendly films. We can also deduct which films are more profitable, those being films with a lot of rentals e.g., Juggler Hardly which has been rented 32 times.

number of times each film has been rented

* You can find the query in the text file

Question 2 - Set 1: 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

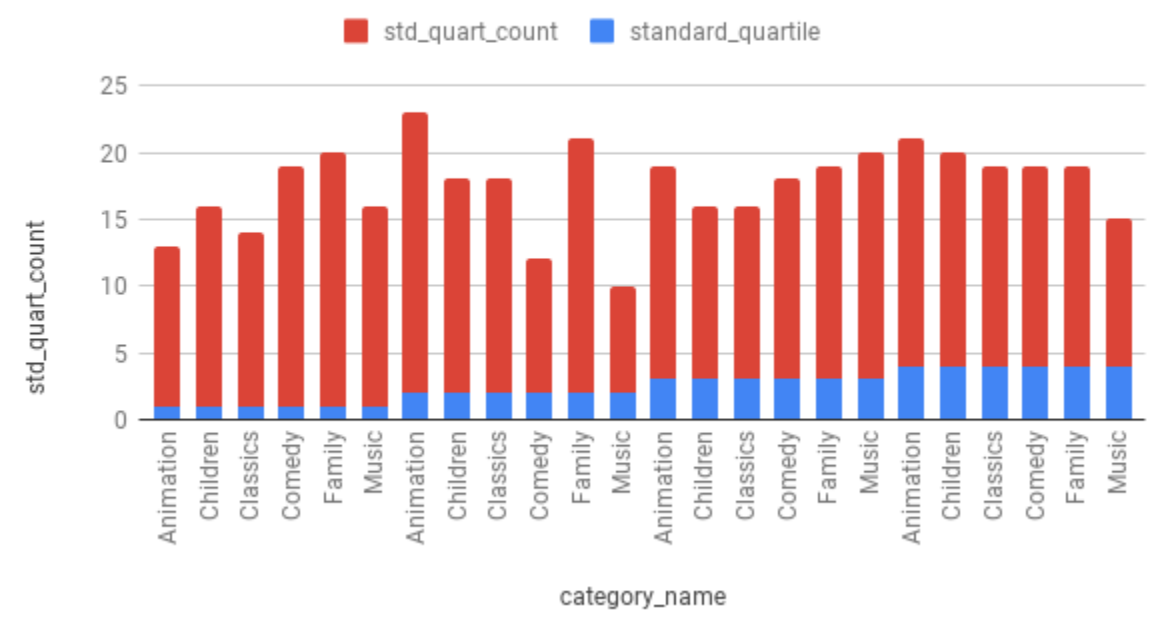films divided into quartiles based on their rental duration

This query provides useful insight on what films customers are more likely to keep longer. And what categories those films happens to be in, this could help the store owner to stock up more on films that are in popular categories and have longer rental duration.

* You can find the query in the text file

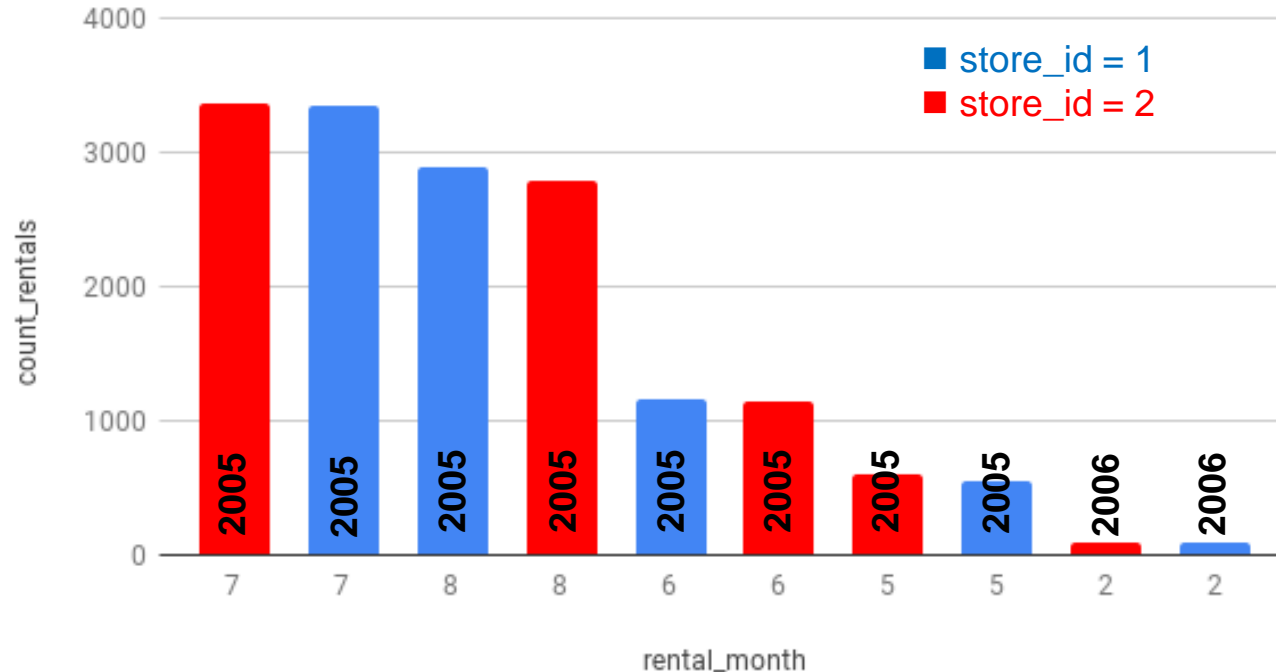count of quartiiles of rental durations for each category

This query first divides family-friendly categories into quartiles based on their rental durations, then it counts the number of films in each category and quartile. This can help store owners determine how many films are there in each category and what is their rental durations (based on the quartile).

* You can find the query in the text file

Question 1 - Set 2: 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. Your table should include a column for each of the following: year, month, store ID and count of rental orders fulfilled during that month.

number of rentals during each month

This query counts how many rentals happened in each month; this is useful when acquiring about the monthly earnings and comparing it to previous months.

* You can find the query in the text file