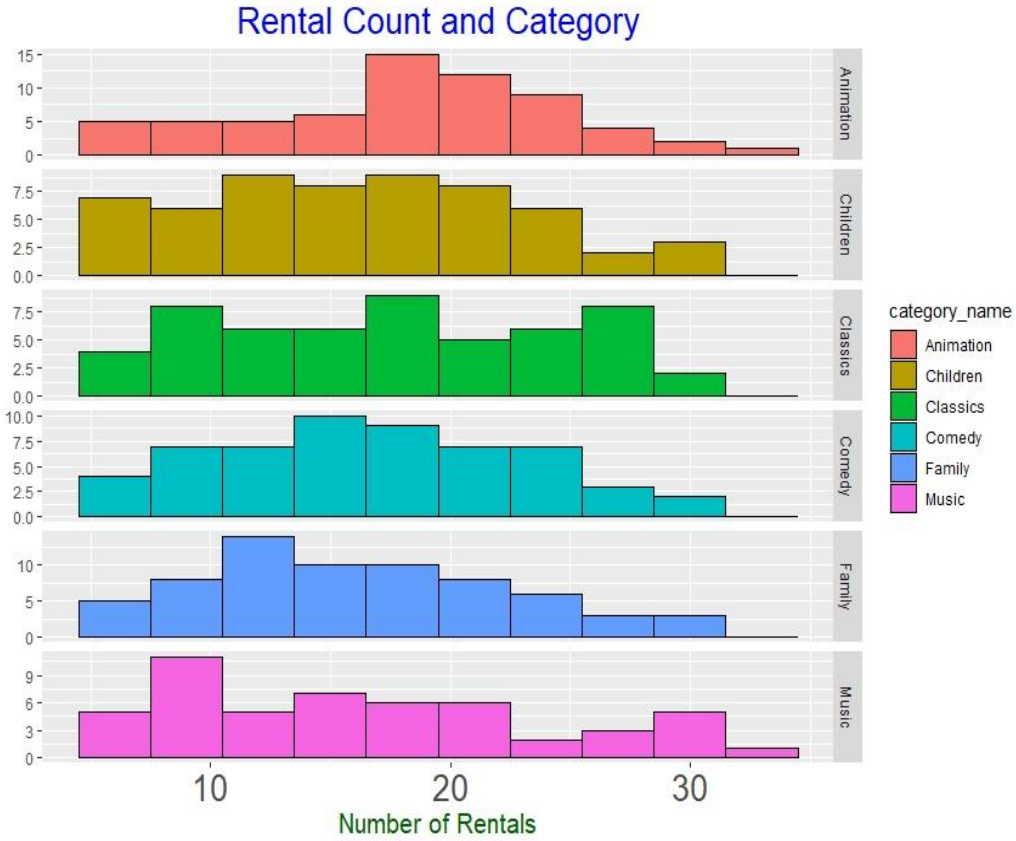
Question 1: Create a query that lists each movie that families are watching, the film category it is classified in, and the number of times it has been rented out.



The graph provides information about family movies.

Each histogram corresponds to a film category that is classified as a member of family movies and illustrates the distribution of number of rentals.

It is possible to make plenty of observations for each category. For instance, the data in comedy category provides a pretty good normal distribution shape, while the music category in comparison to it doesn't.

Question 2: 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? Make sure to also indicate the category that these family-friendly movies fall into.

The first 10 movies are listed in this table.

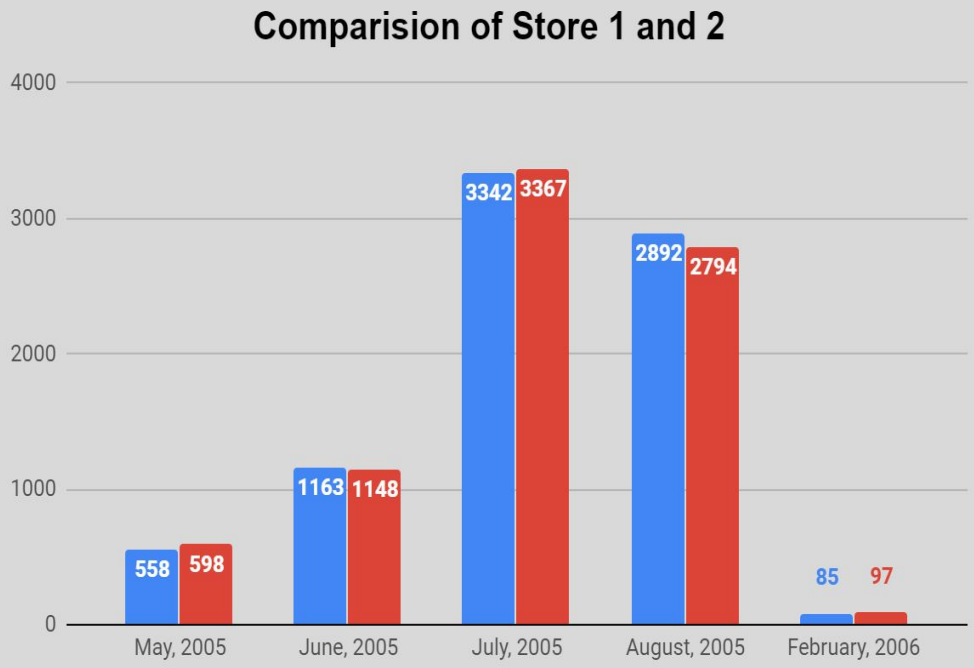
title	category	rental_duration	standard_quartile
Sweethearts Suspects	Children	3	1
Go Purple	Music	3	1
Bilko Anonymous	Family	3	1
Wait Cider	Animation	3	1
Daughter Madigan	Children	3	1
Turn Star	Animation	3	1
Rush Goodfellas	Family	3	1
King Evolution	Family	3	1
Tracy Cider	Animation	3	1
Wisdom Worker	Comedy	3	1

The table presents a section with the first 10 movies from the original solution.

The original data contains 66 animation movies, 60 children movies, 57 classics, 58 comedy movies, 69 family movies and finally 51 movies from the music categories.

Question 3: We want to find out how the two stores compare in their count of rental orders during every month for all the years we have data for. 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

Blue bars: Store ID-1 **Red bars:** Store ID-2



It is worth mentioning that there are only slight differences between the two stores within the considered period.

Question 4: 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. Can you write a query to capture the customer name, month and year of payment, and total payment amount for each month by these top 10 paying customers?

The graph represents the top 10 paying customers with the payments they made on a monthly basis during the year 2007. Also, the amount of the payments can be compared with one another by just considering the size of the points, since the size changes based on the amount of payment. The corresponding legends are also demonstrated to assist the investigator.

For instance, Eleanor Hunt is the most paying customer (also most frequently paying) in the third and fourth months of 2007.