

# Rentals number for Families Movies

## ● Question 1

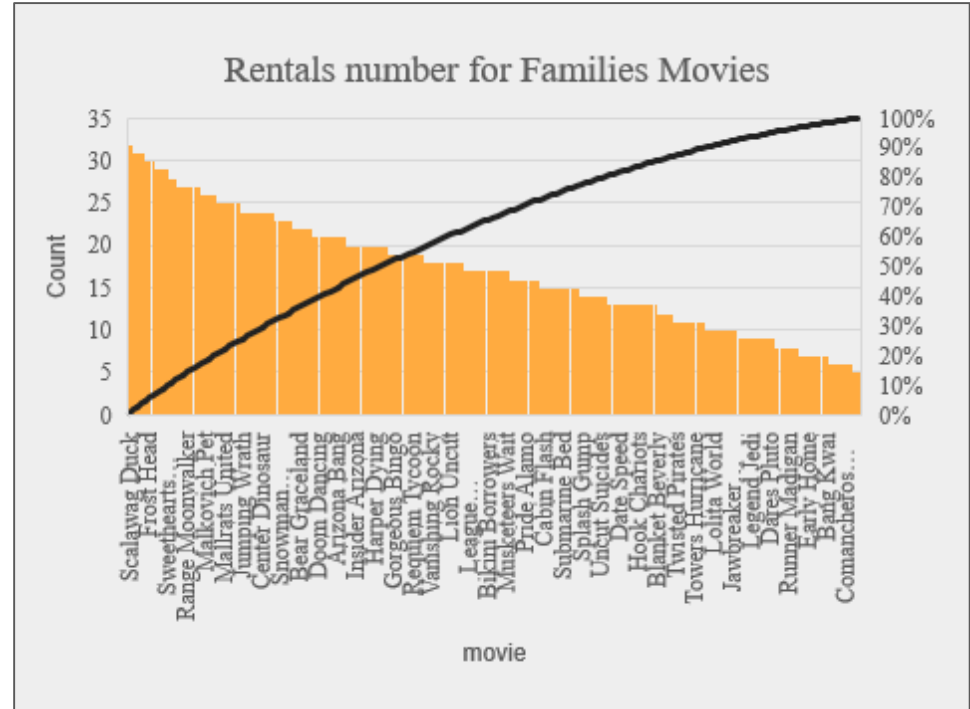
We want to understand more about the movies that families are watching. The following categories are considered family movies: Animation, Children, Classics, Comedy, Family and Music.

**Create a query that lists each movie, the film category it is classified in, and the number of times it has been rented out.**

## ● Answer

As chart shows the number of movie rentals based on categories that are suitable for families. And based on that we can see that rental number is decreasing by time.

\* Query 1



# Rentals Duration for Families Movies

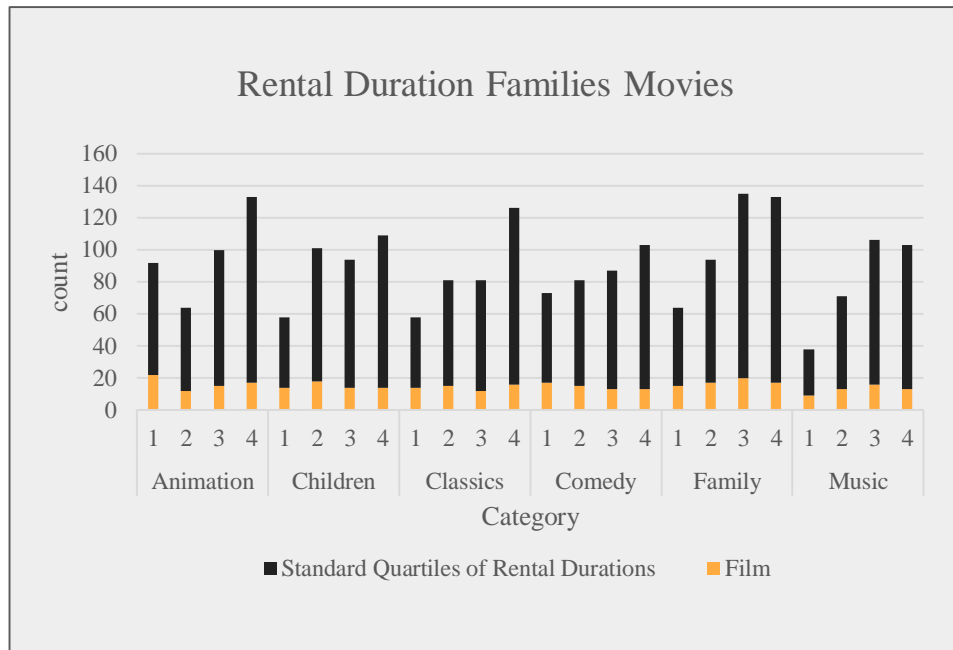
- **Question 2**

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.

- **Answer**

From the chart, we can see that the rental duration for family films is present in all quarters.

\* Query 2



# Rental Duration Category

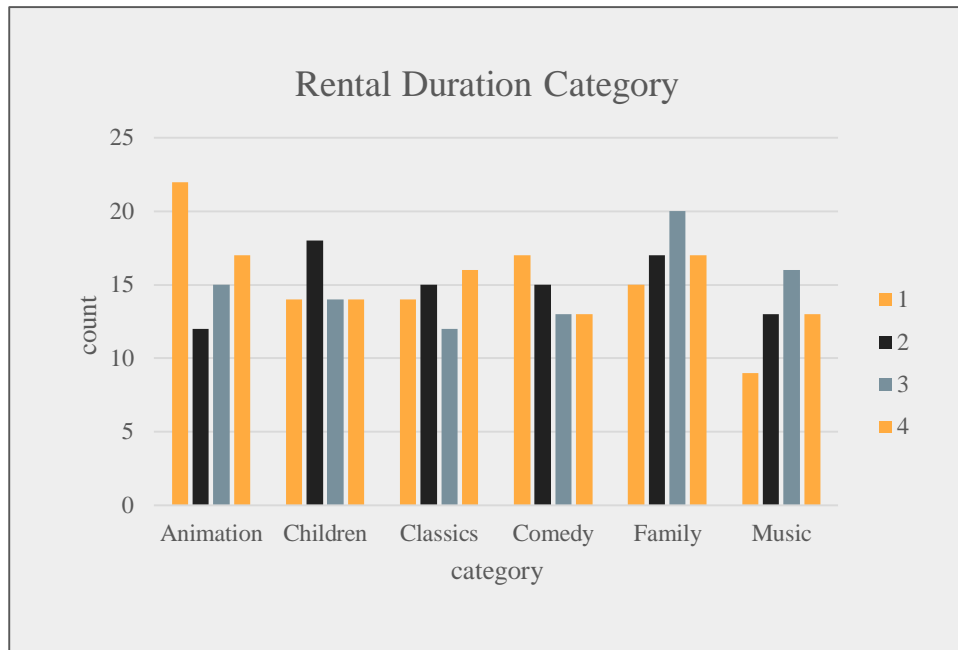
- **Question 3**

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.

- **Answer**

Through the graphic, we can see the number of films in each category, including family categories only. And the maximum rental duration was in animation category in quartier 1. And the minimum rental duration was in music category in quartier 1.

\* Query 3



# Count of Rental Orders

- **Question 4**

Find out how the two stores compare in their count of rental orders during every month for all the years we have data for.

- **Answer**

From the figure, we can see the total number of orders during the years 2005 and 2006 divided according to the store id. And we can see that the maximum number of rental order was on 2005/7.

\* Query 4

Count of Rental Orders for 2005 and 2006

