

Project: Investigate a Relational Database

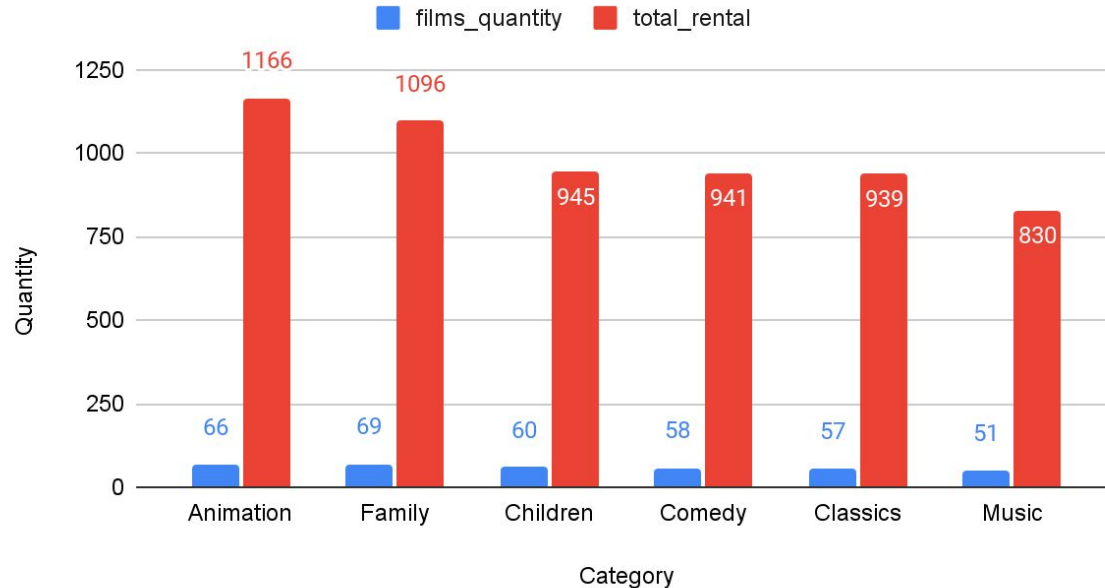
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Question Set #1 Question 1

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.

Based on question 1, create a query that shows for each category, the number of movies it contains and the total number of rentals made

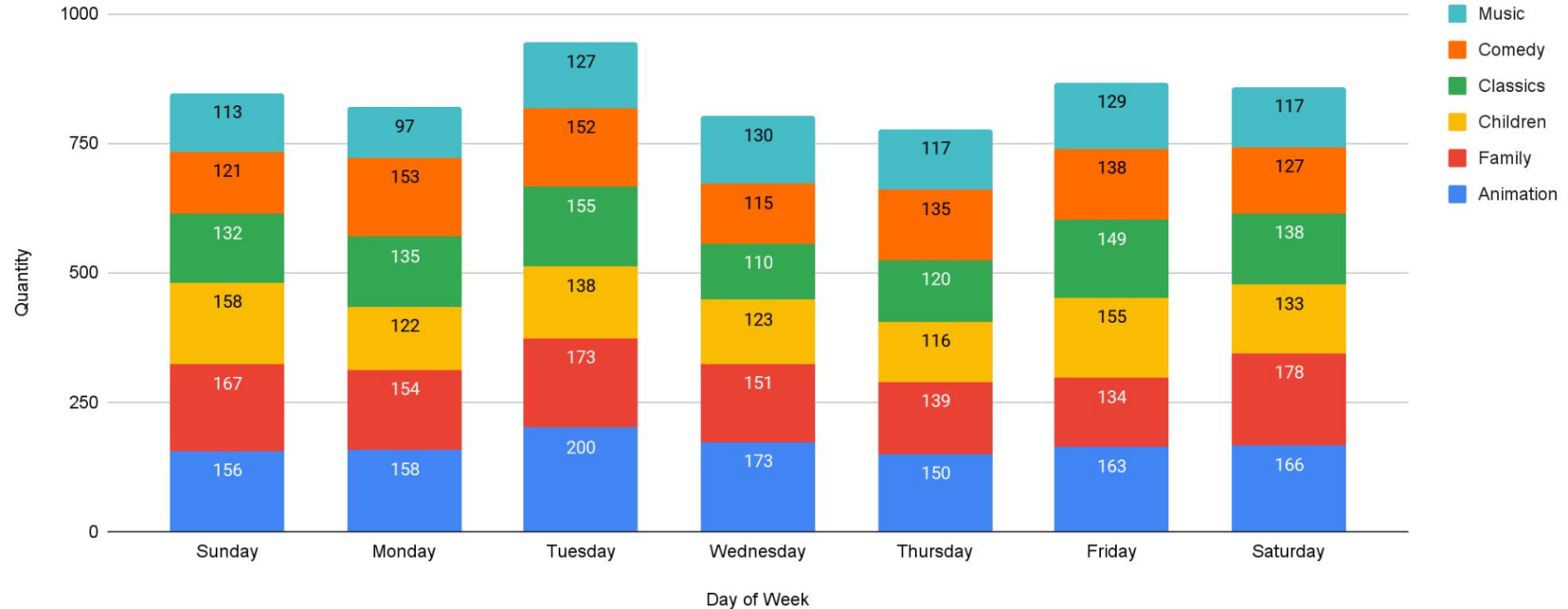
Category by number of films and rentals



Question Set #1 Question 2

Based on Question 2, now we need to know many rentals occurred per family-friendly category and day of week.

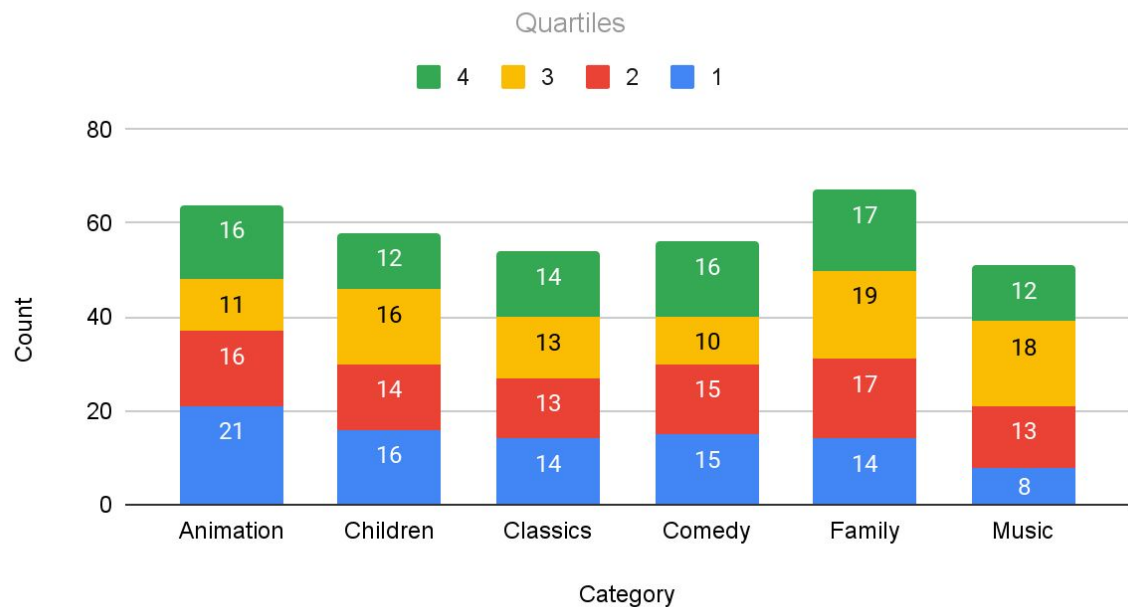
Family-friendly category per day of week and total rental



Question Set #1 Question 3

Finally, 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 resulting table should have three columns: Category, Rental length category and Count

Category per quartile



Question Set #2 Question 3

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?

Top 10 Customers in 2007 per monthly payment amount

