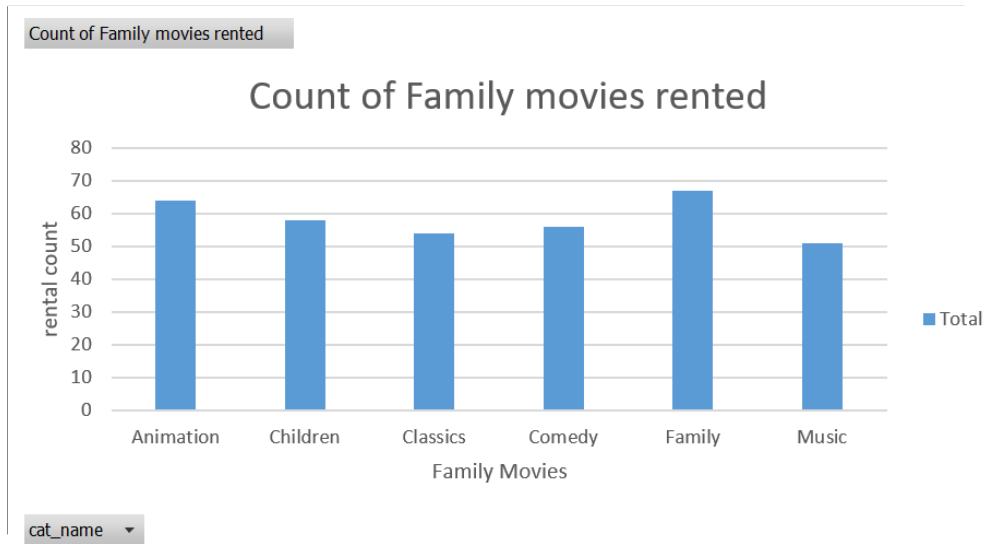
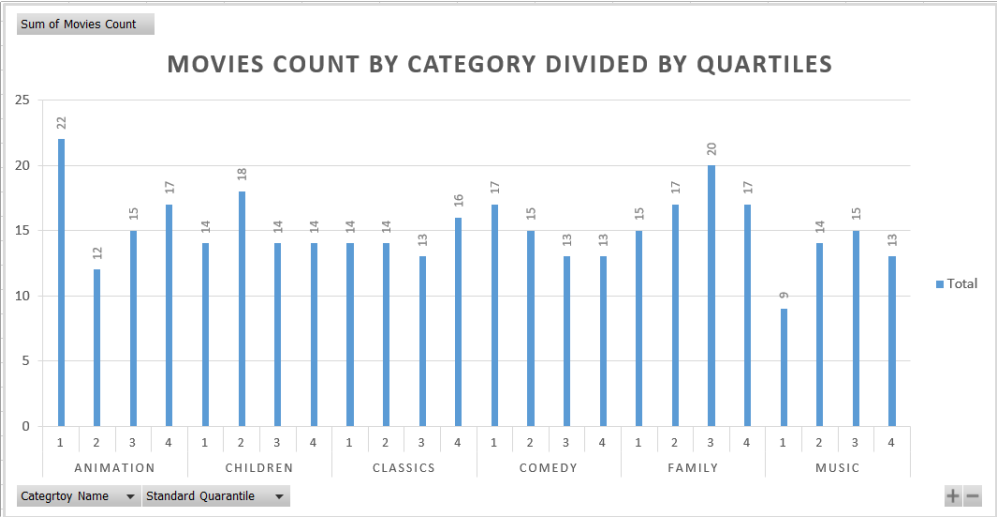


# Q1: Create a query that lists the rental of movies in each category of family movies



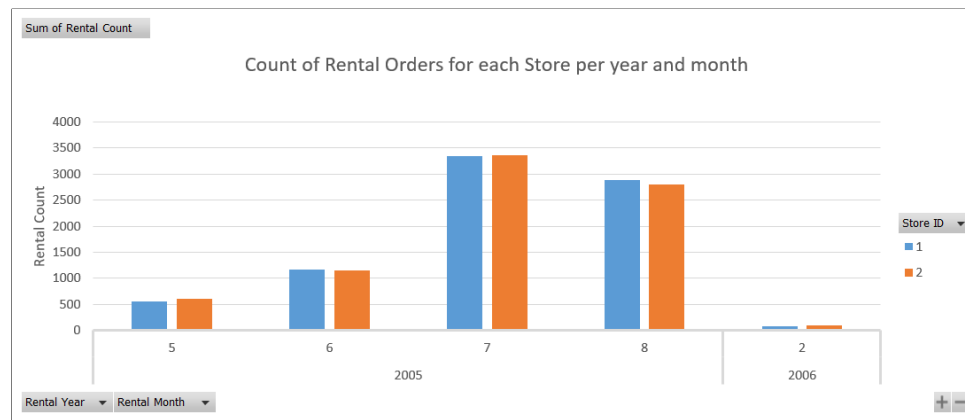
Querying our database, we found out that 'Family' movies is the most movies category being rented within the Family-friendly movies category, and 'Music' movies is the least rented ones.

Q2: 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.



This query gave us some useful insights about the data Sakila DVD Rental database has regarding the Family-Friendly movies and their rental durations classified in quartiles.

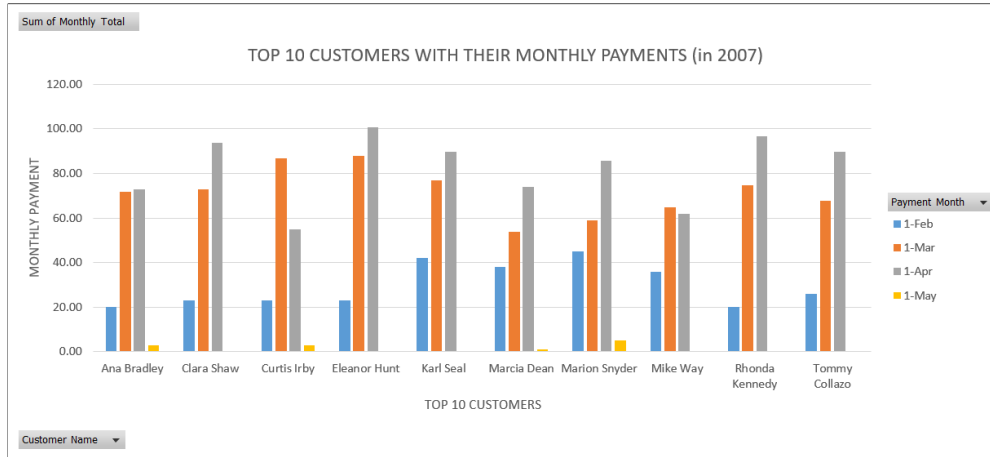
Q3: Write a query that returns the store ID for the store, the year and month and the number of rental orders each store has fulfilled for that month.



Querying our database, we found out that both our stores renting almost equally within the scale of each month.

Looking at our chart, we will find out that our sales in renting movies increased greatly in 07/2005 and decreased dramatically in 02/2006.

Q4: 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?



This query gave us some useful insights about our top 10 paying customers and how much did they spent monthly, as we can see in the chart the April then March are the highest 2 months with rentals, while May and Feb are the least.