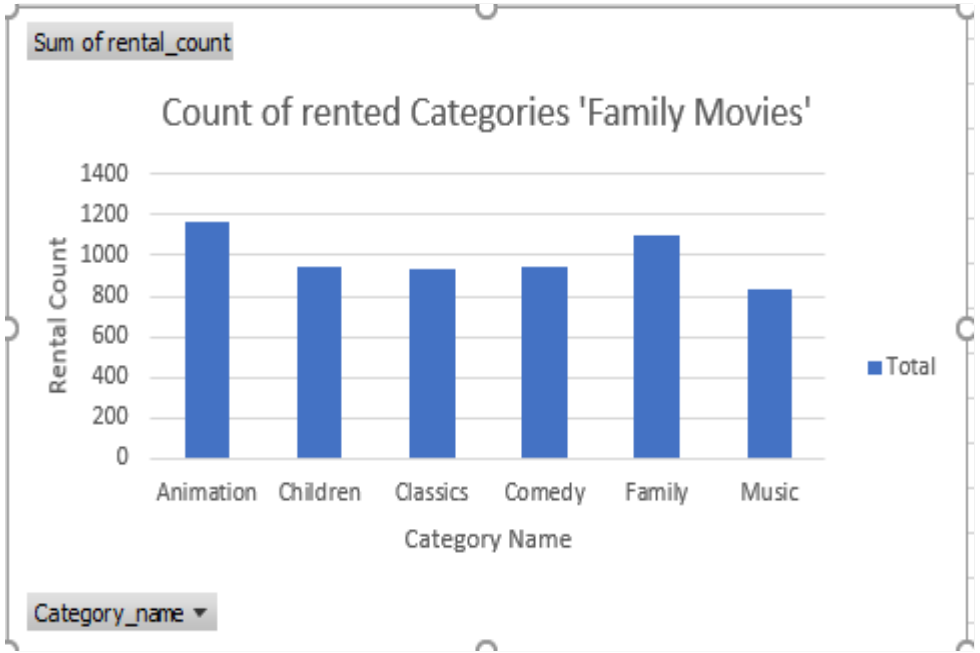
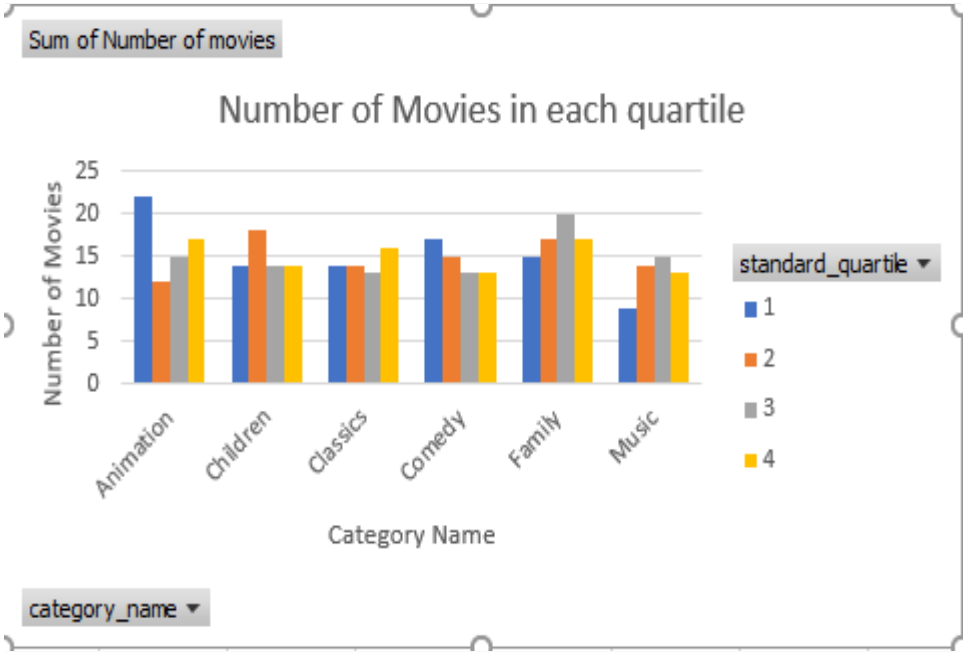
1.1 Create a query that lists each movie, the film category it is classified in, and the number of times it has been rented out.



Here we have number of rented movies from each category and we can notice that:

- Animation Category is the most movies category being rented
- Music Category is the least movies category being rented

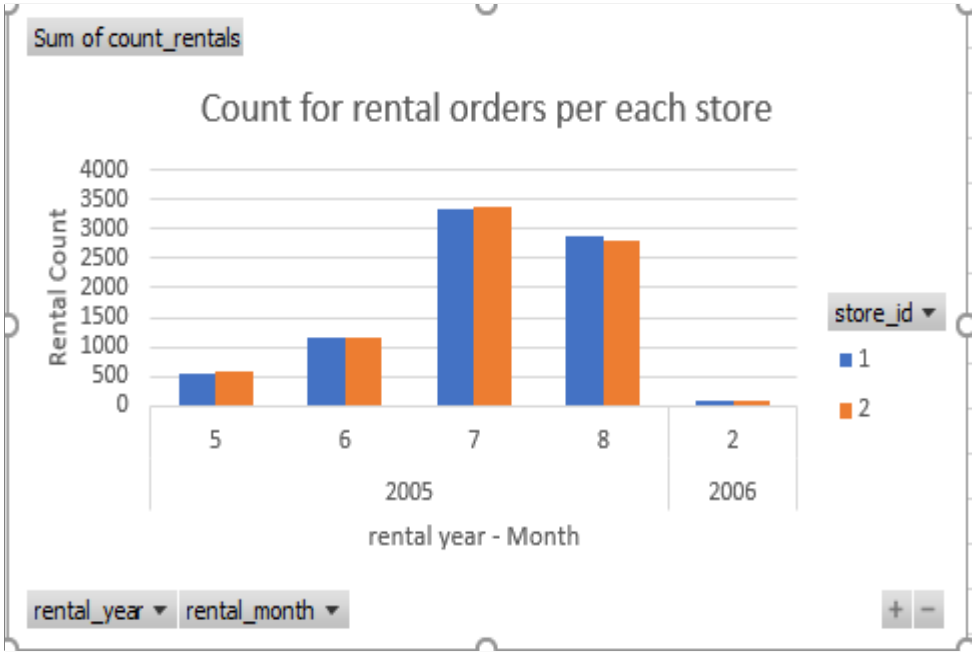
1.3 provide a table with the family-friendly film category, each of the quartiles, and the corresponding count of movies within each combination of film category for each corresponding rental duration category



Here we can see the number of movies in each quartile in each category and also we can notice that

- the quartile 1 has the maximum number of movies in Animation category
- the quartile 2 has the maximum number of movies in Children category
- the quartile 4 has the maximum number of movies in Classics category
- the quartile 1 has the maximum number of movies in Comedy category
- the quartile 3 has the maximum number of movies in Family category
- the quartile 3 has the maximum number of movies in Music category

2.1 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.



Here we can see that almost both stores are renting equally for each month

Also we can notice that at 07/2005 both stores score high rental count but in 02/2006 both stores almost not scoring any rental counts comparing to 07/2005

2.2 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?

Here we have the top 10 paying customers and number of orders in each month during 2007

And also we can notice that Eleanor Hunt is the top 1 paying customer in April