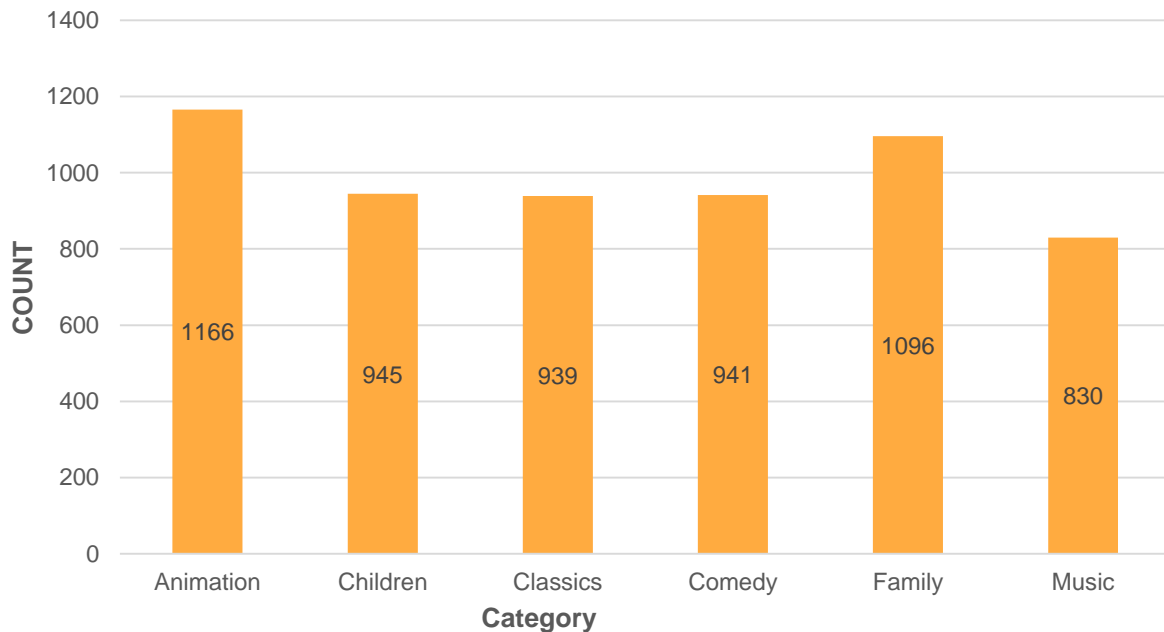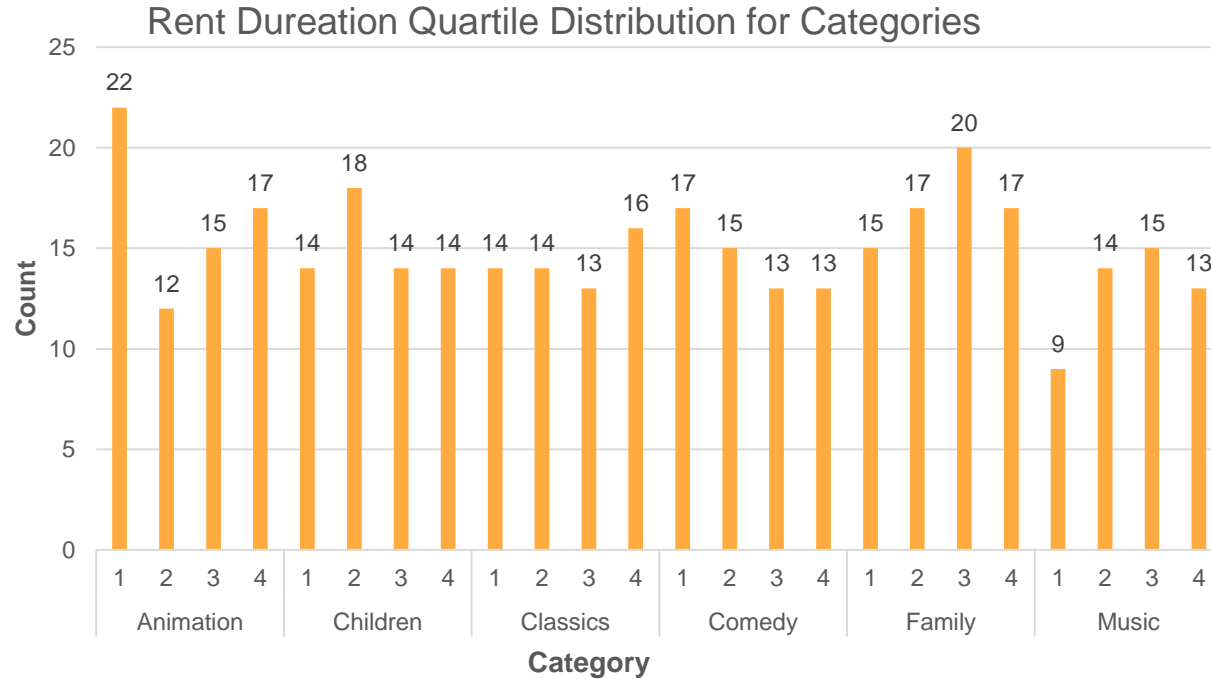# Q1) Create a query that lists each movie, the film category it is classified in, and the number of times it has been rented out.

Rental Counts of Categories for Families

We can see that the the most rented category is Animation and the least rented category is Music
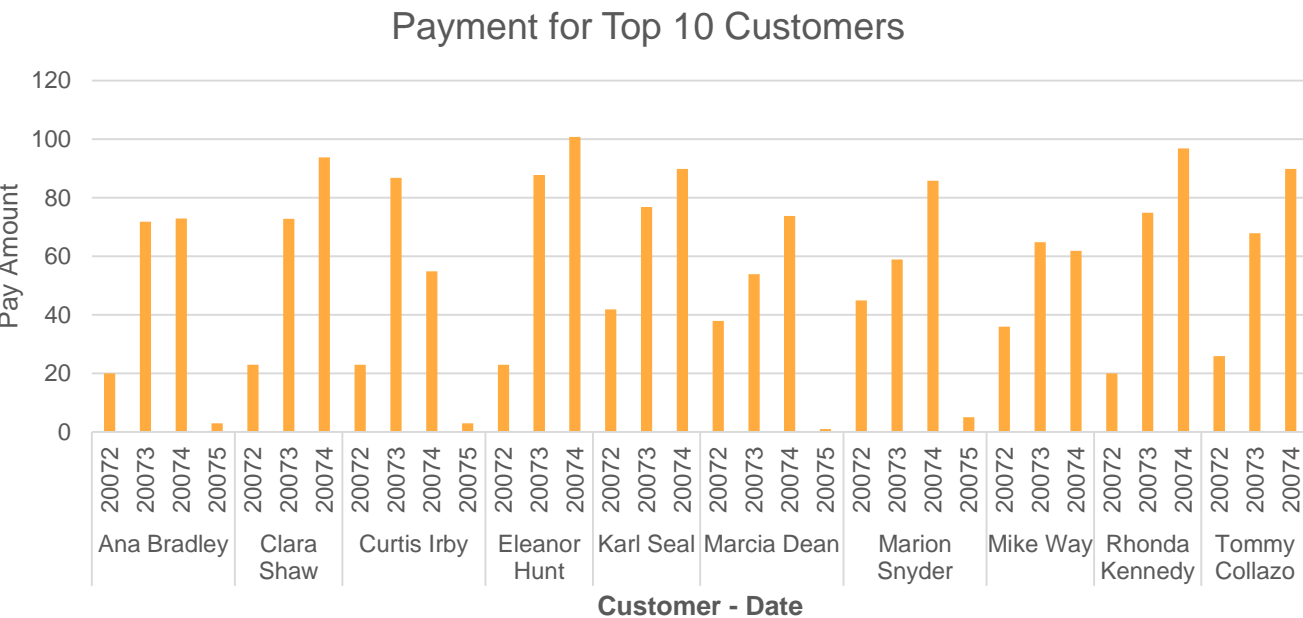
Rent Dureation Quartile Distribution for Categories

For each category we created 4 quartile from the lowest duration to the higher duration. In the graph we can see the count of distribution for each quartile. For ex: for animation category we have 22 movies with the lowest duration(1st quartile)

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.

Rent Distribution by Stores

We can see that number of rents decreased for both stores by time. Also stores 2 has a bit higher values of renting

Q4) 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?

Payment for Top 10 Customers

Some of top 10 customers made rents for 3 months (like Clara Shaw) and some of teh customers made rents for 4 months (like Ana Bradley). All top customers made most rents on 200703 & 200704. On the other hand 200705 has the lowest rents for these customers