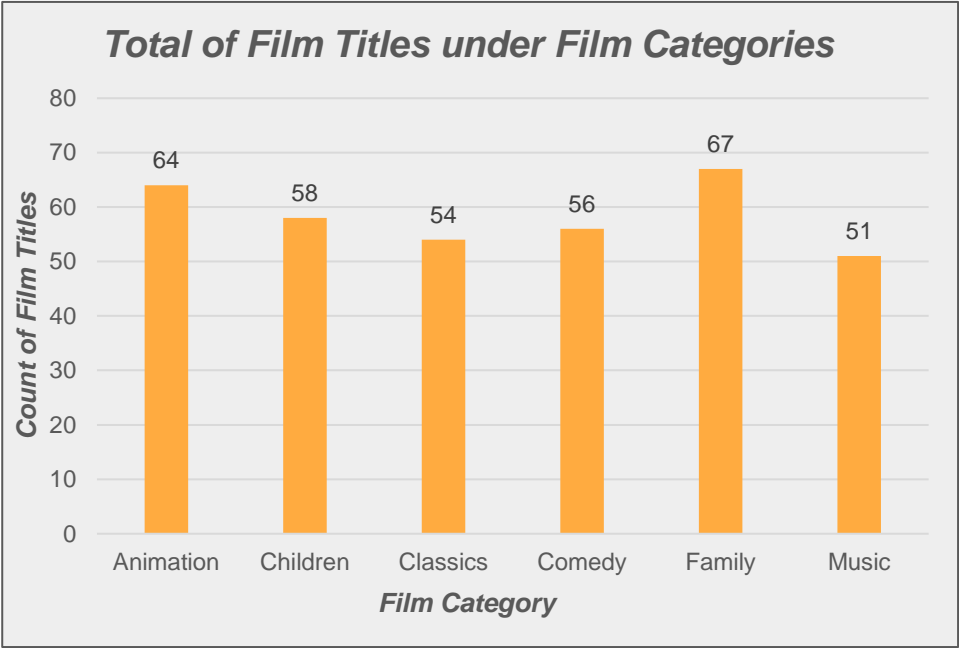
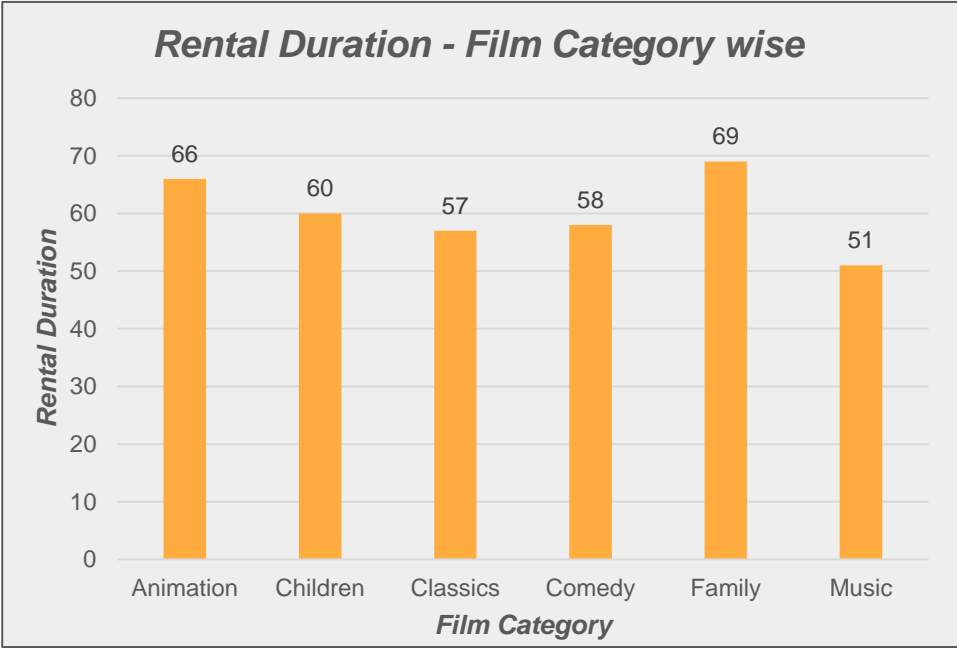


Q1_Q1: Create a query that lists each movie, the film category it is classified in and the number of times it has been rented out.



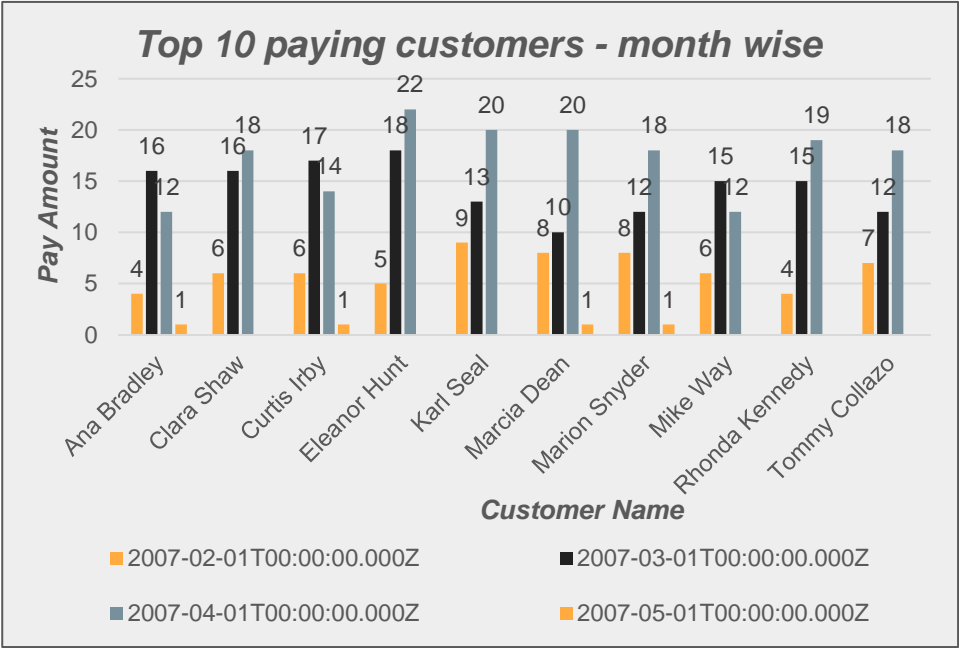
As we can see, 'Family' tops the chart here closely followed by 'Animation' – *as most rented out Film Categories* watched by families. 'Music' is the *least rented out film category* here.

Q51_Q3: 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*, *Count*



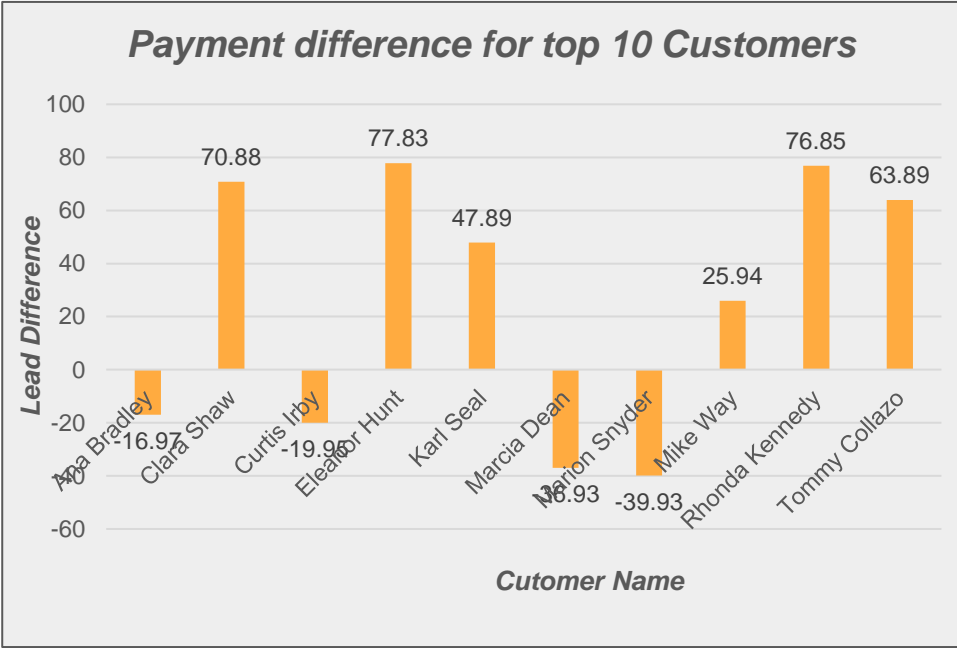
As we can see, rental duration for 'Family' – as a *film category* is maximum here closely followed by 'Animation' and 'Music' is the *film category* with least rental duration .

QS2_Q2: 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. Capture the customer name, month and year of payment and total payment amount for each month by these top 10 paying customers?



With reference to chart here , month of 'April' tops the chart 70% of the time and it also comprises of 45% payments made respectively. Month of 'March' follows closely as it tops the chart remaining 30% of time and subsequently comprises of 38% of the payments made by top 10 customers.

Q52_Q3: Write a query to compare the payment amounts in each successive month.



With reference to the chart here, over a period of 'Feb-2007' to 'Apr-2007', 60% of the customers showed a positive lead difference towards the payments made. 'Eleanor Hunt' tops the list with a *most* lead difference of: 77.83. On the other hand 'Marion Snyder' hits the bottom of the list with a *negative* lead difference of -39.93 towards the payments made.