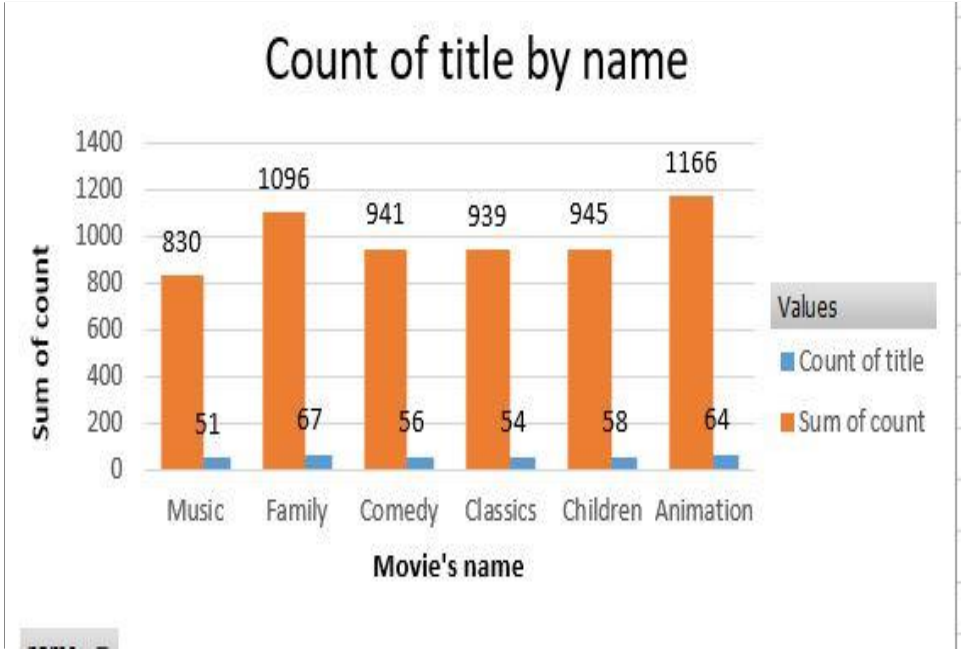
Question 1:

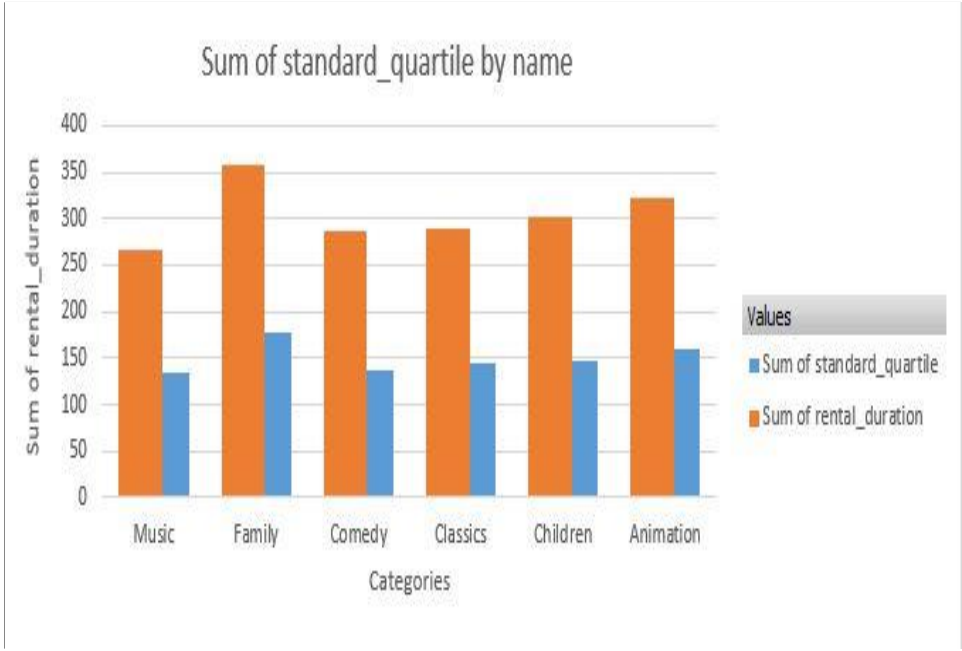
We want to understand more about the movies that families are watching. The following categories are considered family movies: Animation, Children, Classics, Comedy, Family and Music. Create a query that lists each movie, the film category it is classified in, and the number of times it has been rented out Direction for query formation: For this query, you will need 5 tables: Category, Film_Category, Inventory, Rental and Film. Your solution should have three columns: Film title, Category name and Count of Rentals.



We can see diverint all type moive in number of watching andd note the animaation is longest from where number watched .

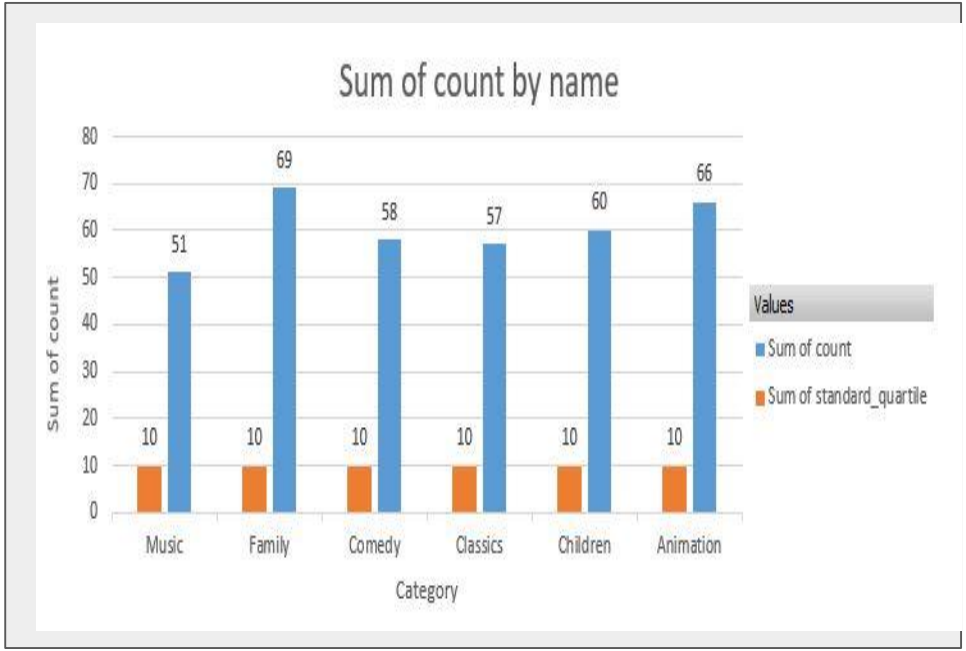
Question 2 :

Now we need to know how the length of rental duration of these family-friendly movies compares to the duration that all movies are rented for. Can you provide a table with the movie titles and divide them into 4 levels (first_quarter, second_quarter, third_quarter, and final_quarter) based on the quartiles (25%, 50%, 75%) of the rental duration for movies across all categories? Make sure to also indicate the category that these family-friendly movies fall into. Direction for query formation: If you correctly split your data. You should only need the category, film_category, and film tables to answer this.



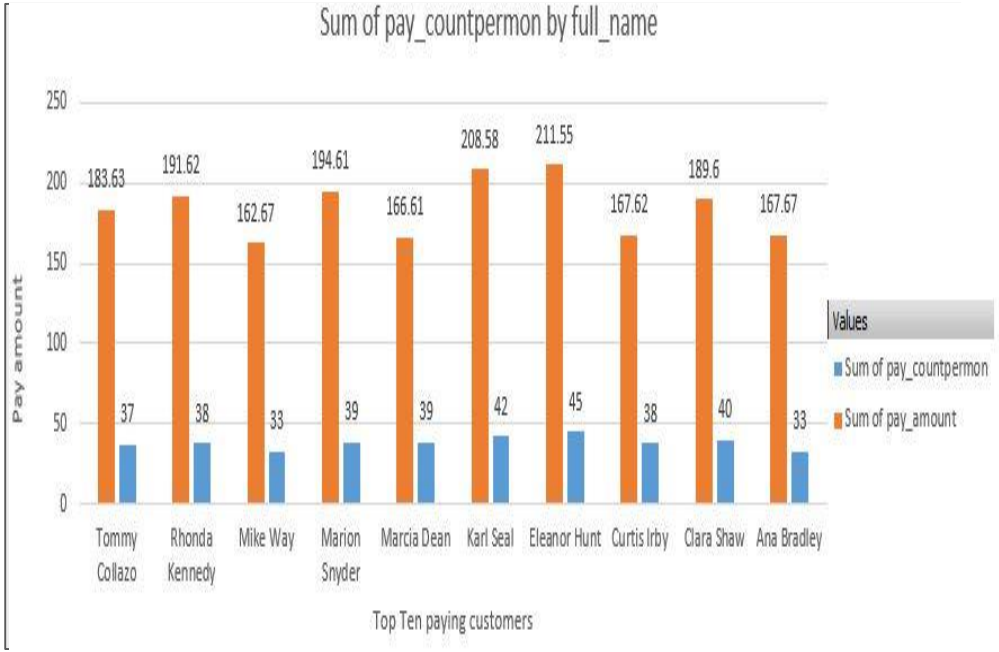
We can notes the film from type Famli is more rental duration from another movies and is from final quarter level ,...,

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: a. Category b. Rental length category c. Count Direction for query formation: The Count column should be sorted first by Category and then by Rental Duration category.



We can notes radius watch of each type from all film ,and we noted the statandered quartile is the same in all category movies .

Question 4: **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? Direction for query formation: The results are sorted first by customer name and then for each month. Also, total amounts per month will be listed for each customer**



We can notes top pay customer form pay mount where Elearnor Hunt is first paying customer from where pay mount , and from where pay count per moth is the first .