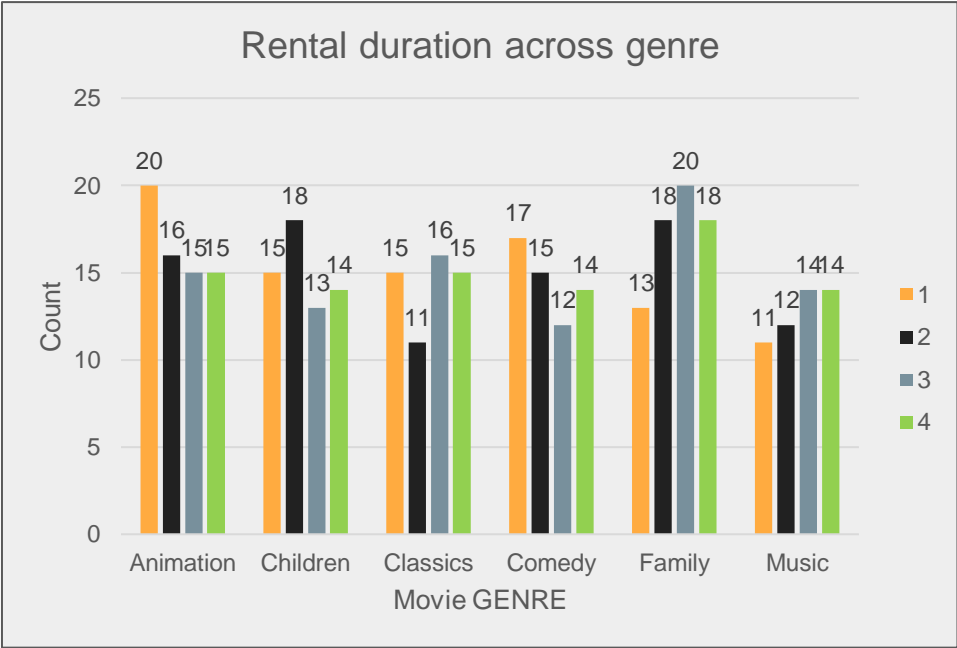
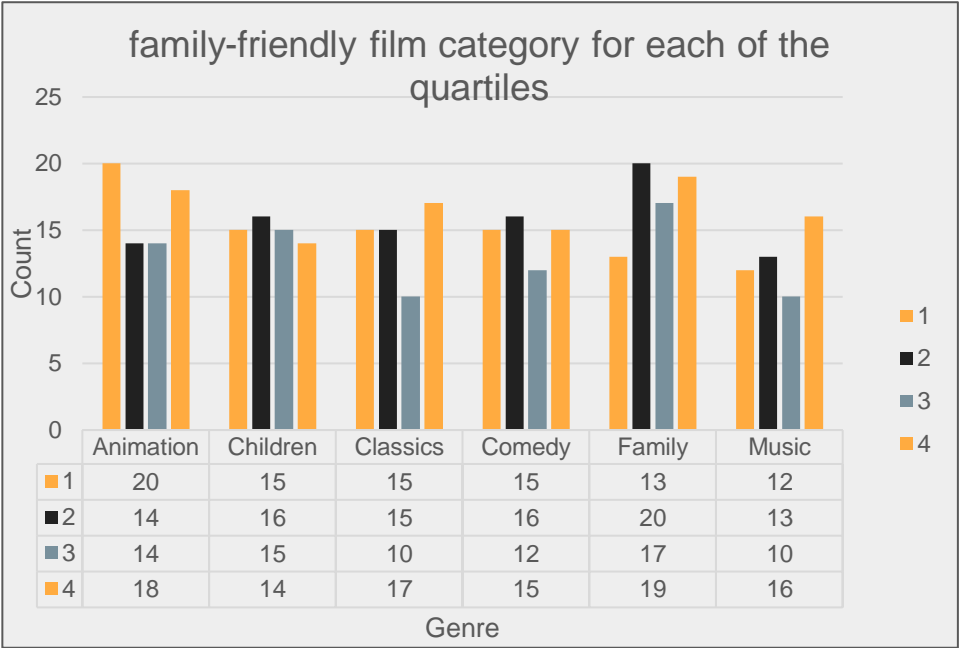


Question 2: Can you provide a table with the movie titles and divide them into 4 levels (first_quarter, second_quarter, third_quarter, and final_quarter) based on the quartiles (25%, 50%, 75%) of the rental duration for movies across all categories?



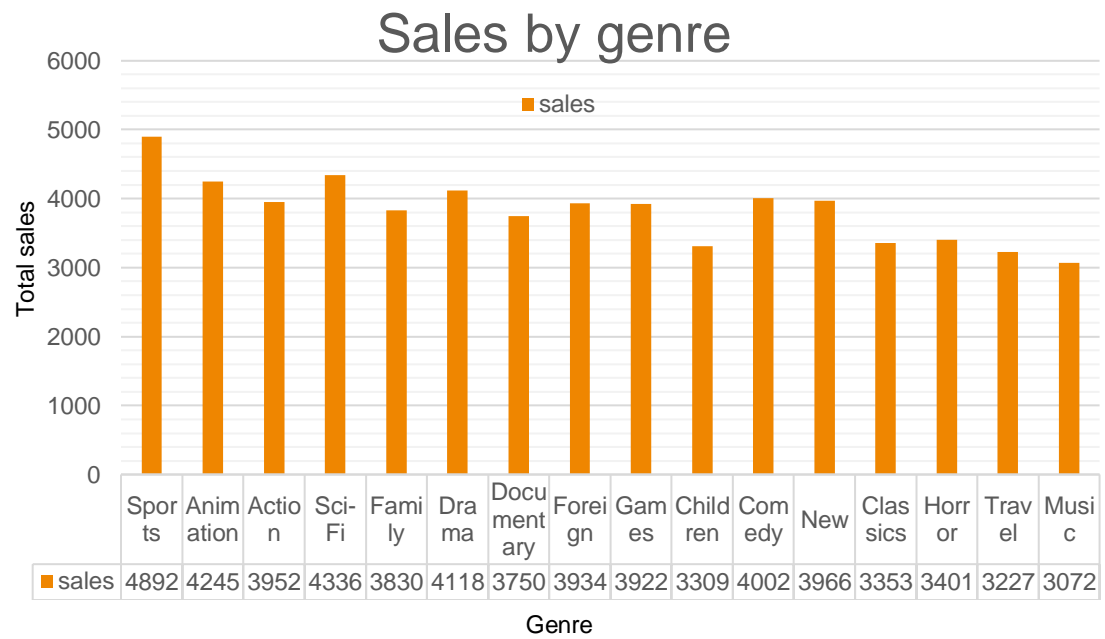
- The movies genre are divided into 4 quartiles of the family film categories.
- By looking at the figure And it can be found that the for the first quartile animation genre is rented more and for second quartile more watched movies are from family and children genre and rest can be compared.

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.



- Here Movies genre are divided for each quartile
- From the figure we can see that for the first quartile the rental of movies count for animation is more as compare to others. And for second, third and fourth quartile, Rental count is more for family movies than other genre

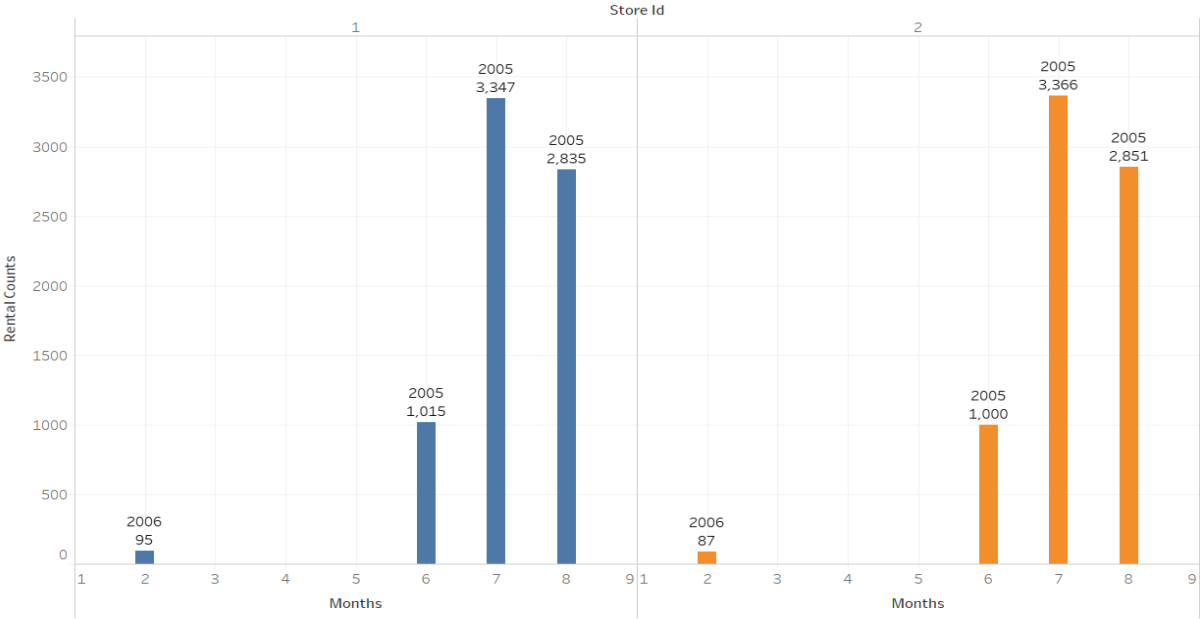
Question 3: To find out what are top movie genres by their total sales.



- Here we are finding out the total sales of each genre and comparing them which are making more profit overall.
- The sports genre top the chart with the sales of 4892 followed by sci-fi and animation and the least making profit among all the genre are Travel and Music

Question 4: 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. Your table should include a column for each of the following: year, month, store ID and count of rental orders fulfilled during that month.

Rental counts of movies by store id for the year 2005 and 2006



- From the figure we can answer the above query. For the year 2005 comparing the 2 store, for the total rental counts of movies. As it can be seen there is not much difference for all the 3 months of 2005 as both the store performance is good.
- For the year 2006 store 1 has rented 95 movies whereas store 2 has rented 87 movies which is less when compare with store 1.