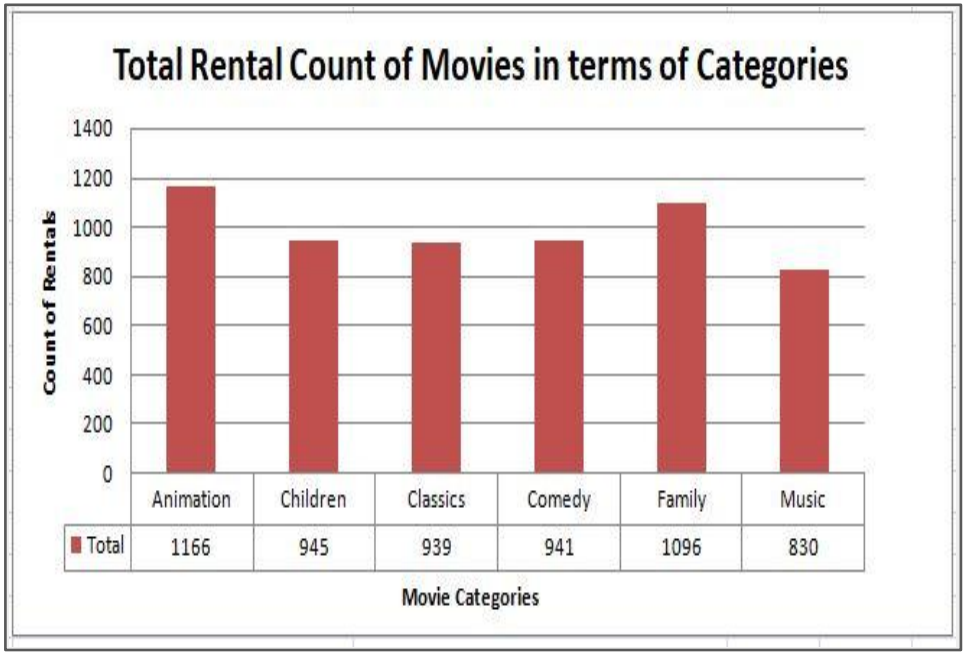
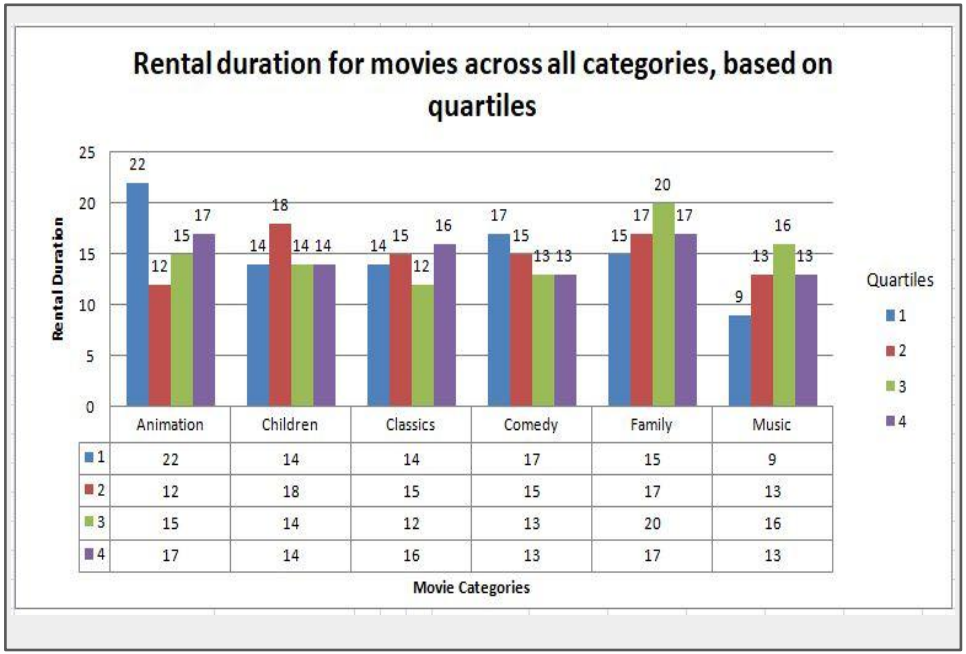
Q1: Create a query that lists each movie, film category it's classified in and number of times it has been rented out.



In terms of category, the total rental count of movies is maximum for Animation category and minimum for Music category.

(For SQL query, refer Question Set 1: Question 1 in queries.txt)

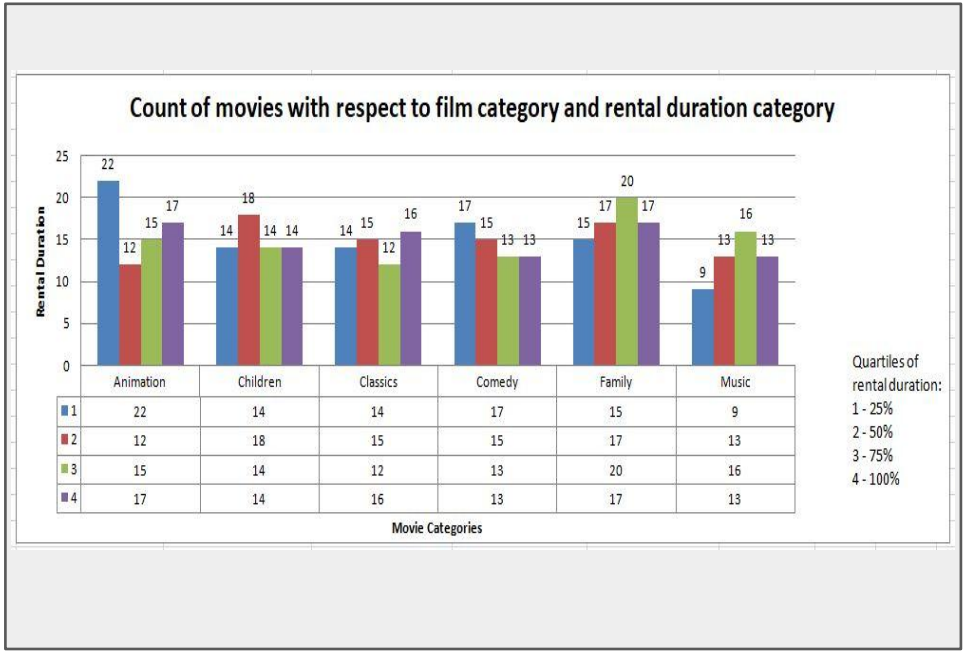
Q2: Provide a table with movie titles and divide into 4 levels(first_quarter, second_quarter, third_quarter and final_quarter) based on quartiles(25%, 50% ,75%) of rental duration across all categories.



Given visualization gives the distribution of rental duration for movies across the categories, divided in terms of quartiles. Maximum rental is achieved by Animation category in first quarter, Comedy in second quarter and Family in third quarter. Animation and Family category both saw maximum value in fourth quarter.

(For SQL query, refer Question Set 1: Question 2 in queries.txt)

Q3: Provide a table with family-friendly film category, each of the quartiles and corresponding count of movies within each combination of film category for each corresponding rental duration category.



Given visualization represents movie counts with respect to film category and rental duration category.

(For SQL query, refer Question Set 1: Question 3 in queries.txt)

Q4: Write a query that returns the store ID for the store, year and month and number of rental orders each store has fulfilled for that month.

Given graph shows number of rental orders for each store in respective year and month. It is evident that both store 1 and 2 got minimum rental orders in 2006. Maximum order for both stores is received in 7th month of 2005.

(For SQL query, refer Question Set 2: Question 1 in queries.txt)