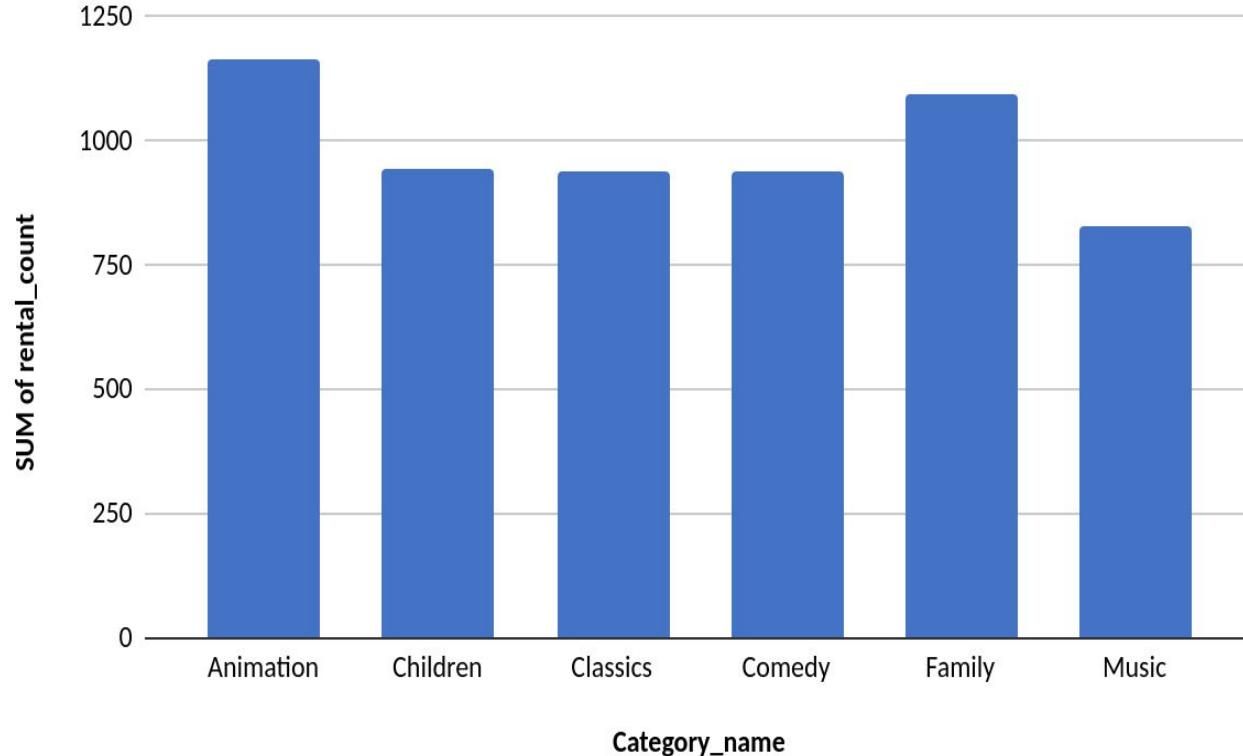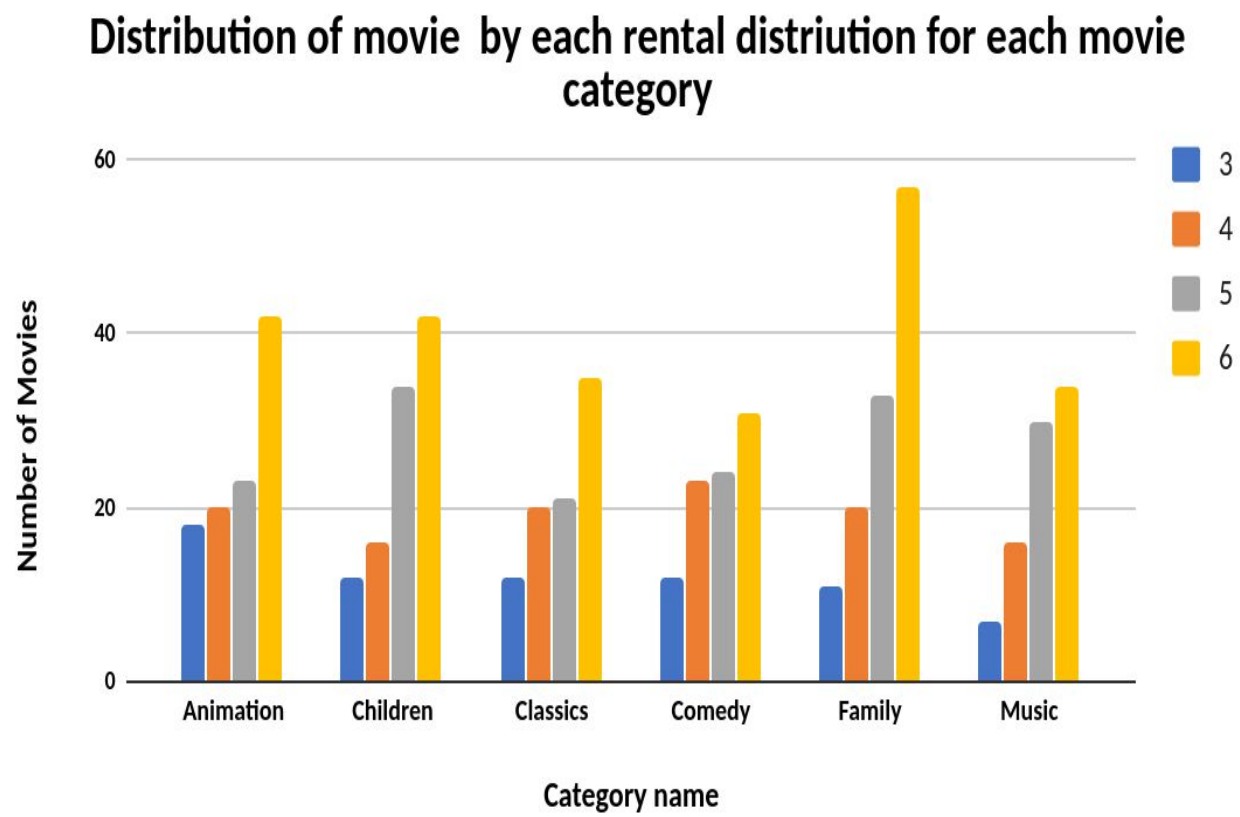# What is the trends number of total rental order for each category of family movie?

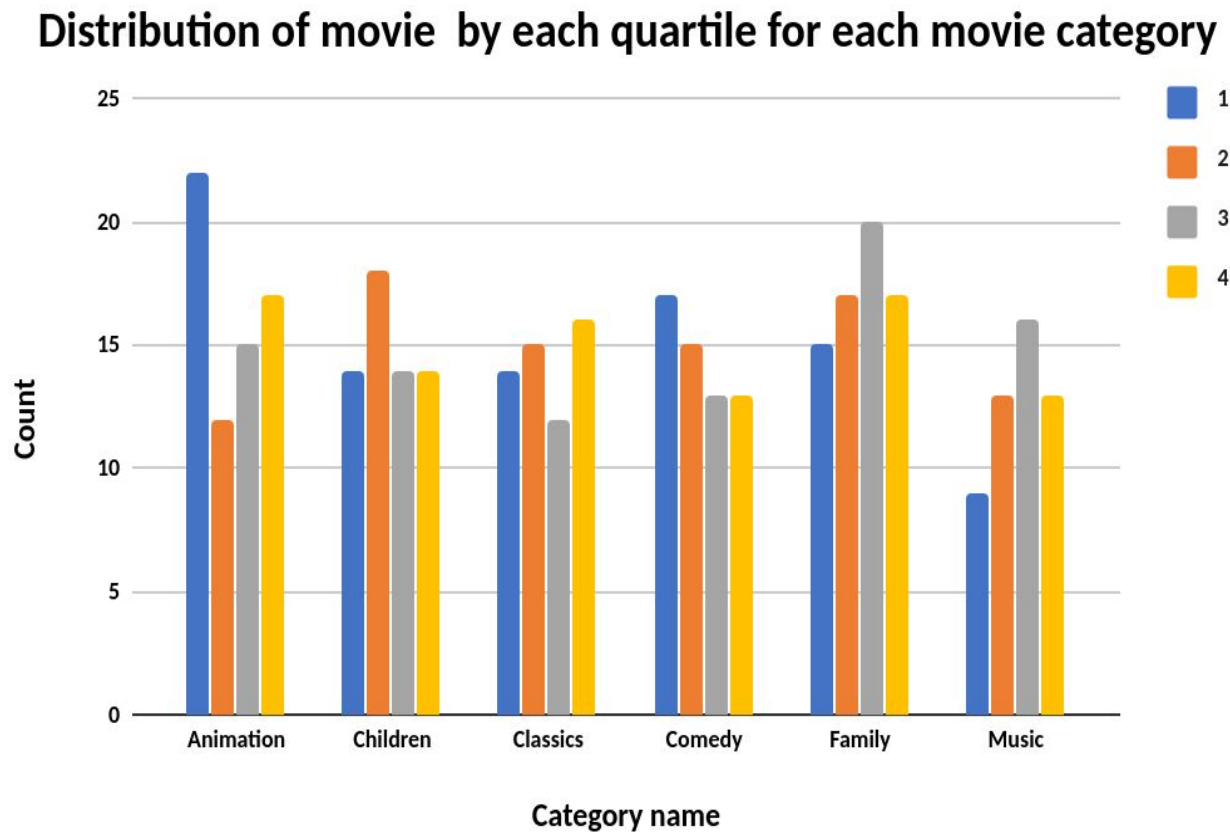## Compare two stores with their count of rental orders during every month

As per plots moving, it evidences that 'Animation' category has highest, 'Family' category has lesser rental orders than 'Animation', about to same rental orders for 'Children', Classics', 'Comedy' and music has lessor rental order from all of family categories.

How the length of rental duration specifically 'Family' movie compares to duration that all family movies trended for?

Distribution of movie by each rental distriution for each movie category

As per plots moving, it evidences that maximum number of movies in 'Family' category are rented for 6 days, maximum number of movies in 'Animation' & 'Children' are rented out for 6 days and similarly, we have compared with other categories.
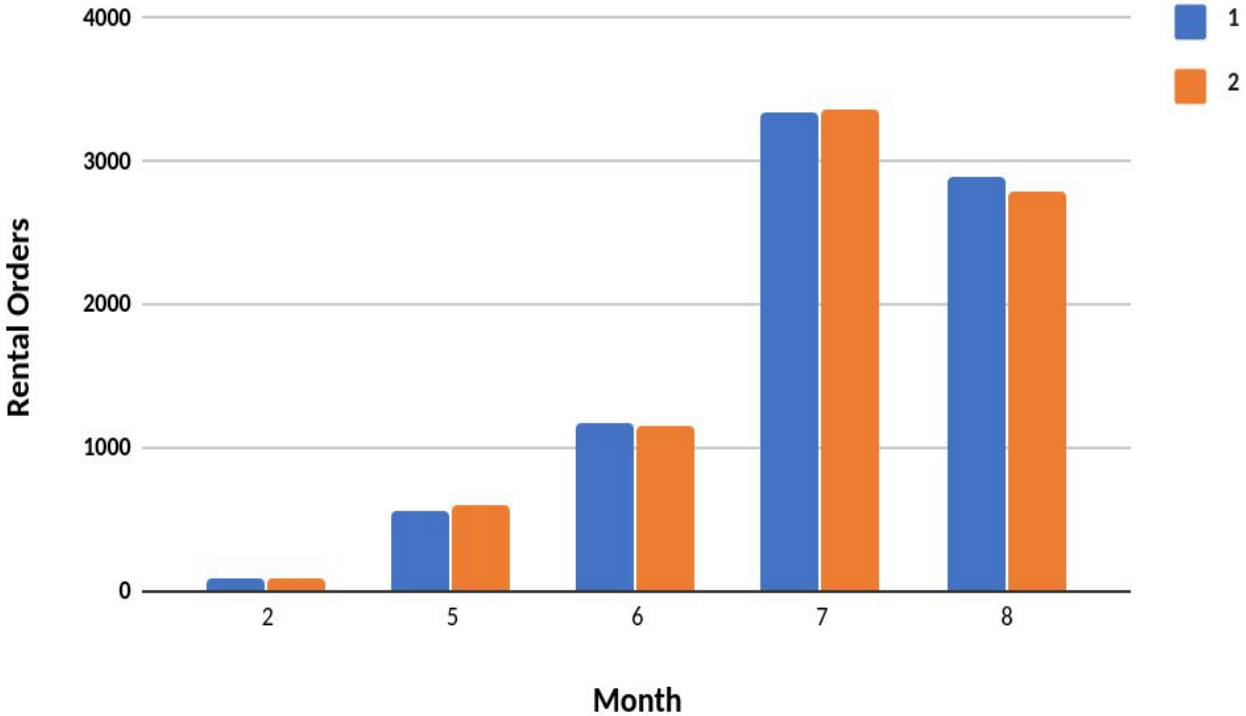
How can we compare the number of movies (Count) in each quartile for each category of 'Family' movies?

Distribution of movie by each quartile for each movie category

As per plots moving, it evidences that 'Animation' category has the highest number of movies (count) in 1st quartile, 17 movies in 4th quartile, 15 movies in 3rd quartile and 12 movies in 2nd quartile and similarly, we have compared with other categories.

How two stores compare with their count of rental orders during every month for all the years?

Distribution of rental orders by each store for each month

As per plots moving, it evidences that 7th month has the highest count of rental orders for both stores and we can see both stores distributed with same count of rental orders during each month.

Here is the information regarding the code/query references of the virtualizations and insights mentioned in the above slides :

1. **Slide 1 : Query 1 - Ashish_Investigate_Relational_Database.txt**

2. **Slide 2 : Query 2 - Ashish_Investigate_Relational_Database.txt**

3. **Slide 3 : Query 3 - Ashish_Investigate_Relational_Database.txt**

4. **Slide 4 : Query 4 - Ashish_Investigate_Relational_Database.txt**