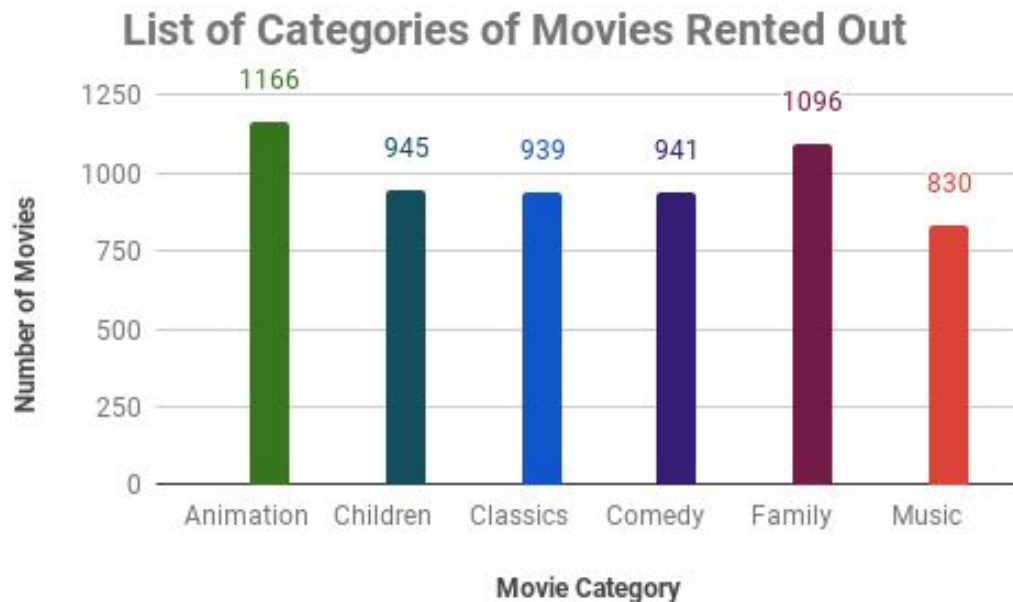


# Q1. Classification of Movies list Based on Film Category And The Number of Total Rents



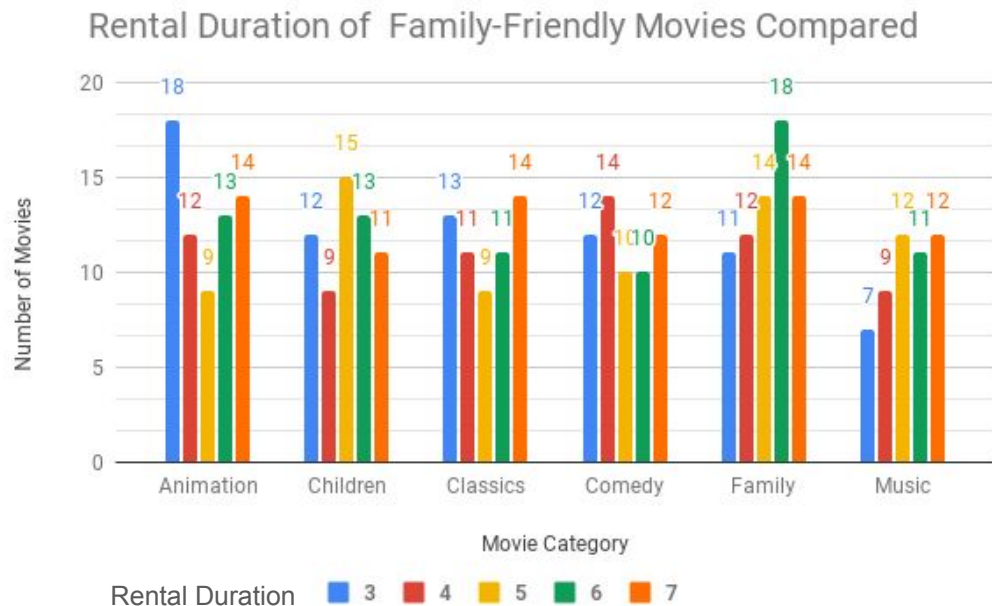
The chart summaries the total count of movies rented out, grouped according to the main movie categories.

It can be seen that the families are mostly renting **Animation** movies because it has the highest count followed by **Family** and the rest follows.

It most likely children from families rents and watch most of the Animation movies.

**Q1** in **queries.txt** file shows queries.

## Q2. Rental duration of family-friendly movies compares to the duration that all movies are rented



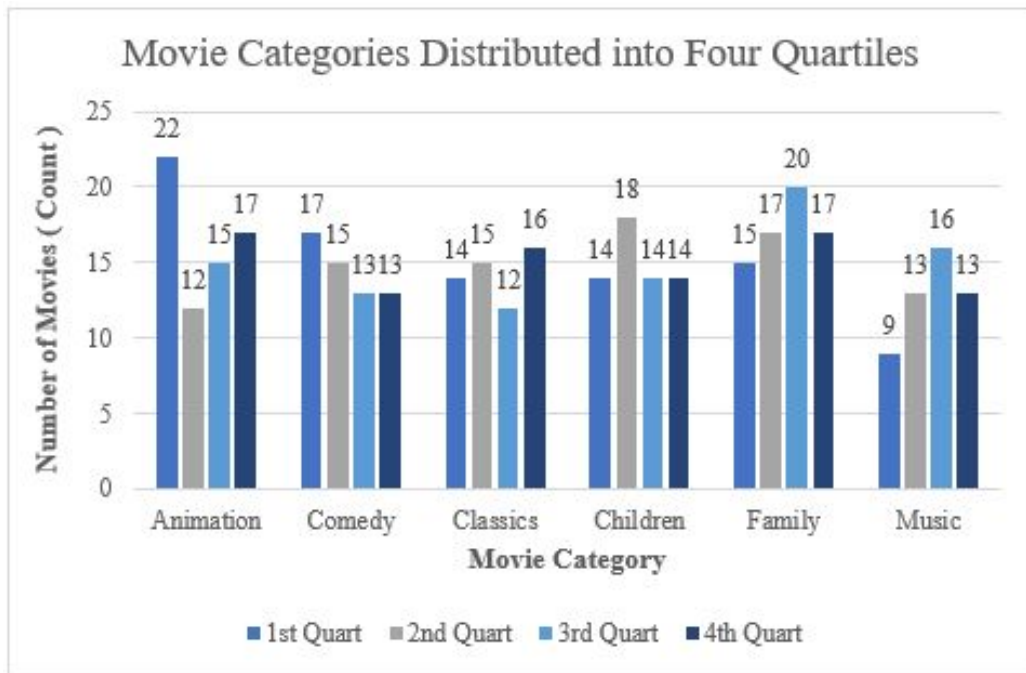
The graph shows rental duration of family-friendly movies across the movie categories.

From the graph, it could be seen that, the maximum number of movies rented took **3 days** for **Animation** movies while **6 days** for **Family** movies. Similar can be seen for others.

It most likely the **Family** movies are mostly rented by adults in families and due to busy schedules, prolong the watching of the movies. The vice versa is true for **Animation** movies been watched by children in families with loose schedules.

**Q2** in **queries.txt** file shows queries.

### Q3. Movie Titles and Divisions Based on Quartiles of Rental Duration for the Movies Categories



Comparing the family category movies grouped in quartiles;

It could be seen from the graph that, **Animation** category had the highest number of movies in the **1st Quart.** with number count of **22**. This is followed by **17** in the **4th Quart.**

Similarly, **Family** category has a second highest in it **3rd Quart.** of **20** followed by **4th Quart.** With **17**. Other comparison can be done similarly.

**Q3** in **queries.txt** file shows queries.

## Q4. Top 10 Paying Customers And Their Monthly Payments Between February and May 2007

Top 10 Paying Customers



The chart shows the top 10 paying customers.

Looking at the chart with the highest bar is **\$100.78** paid by **Eleanor Hunt** on **April 4th, 2007** closely followed by **Rhonda Kennedy** with **\$96.81** during the same month.

It is most likely that **Eleanor Hunt** child/children enjoys watching Animation movies among the other customers hence do more renting of movies.

**Q4** in **queries.txt** file shows queries.