Question 1:Which categories of movies that families watch?
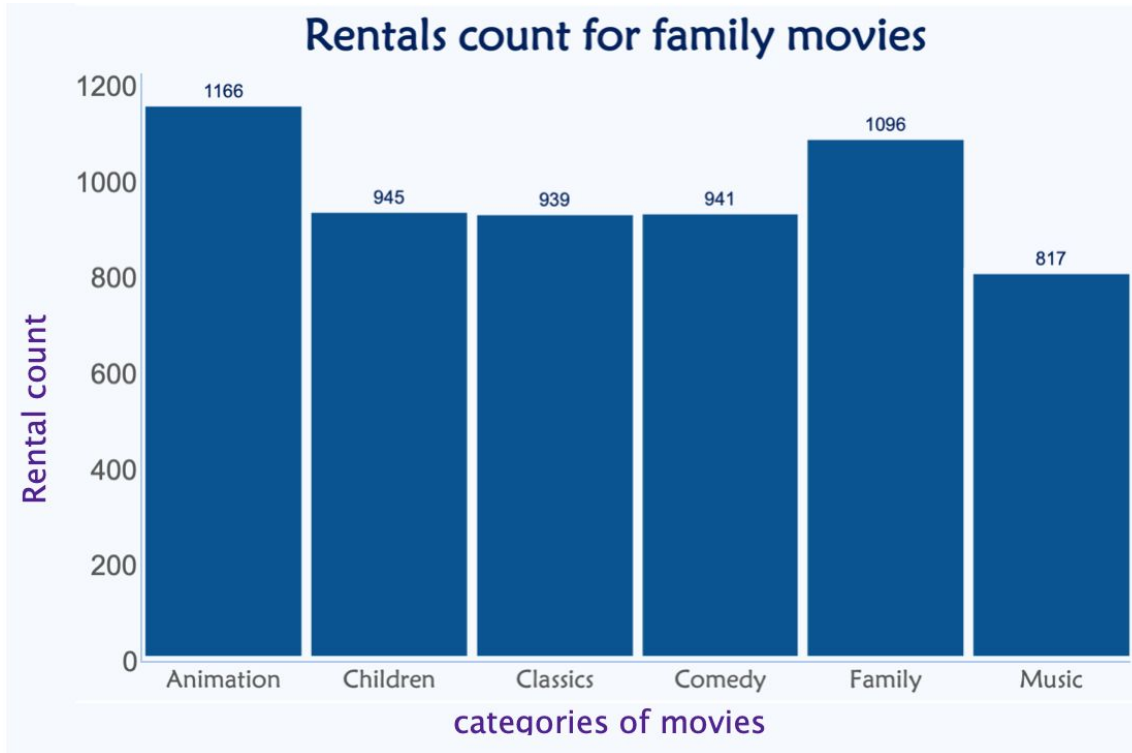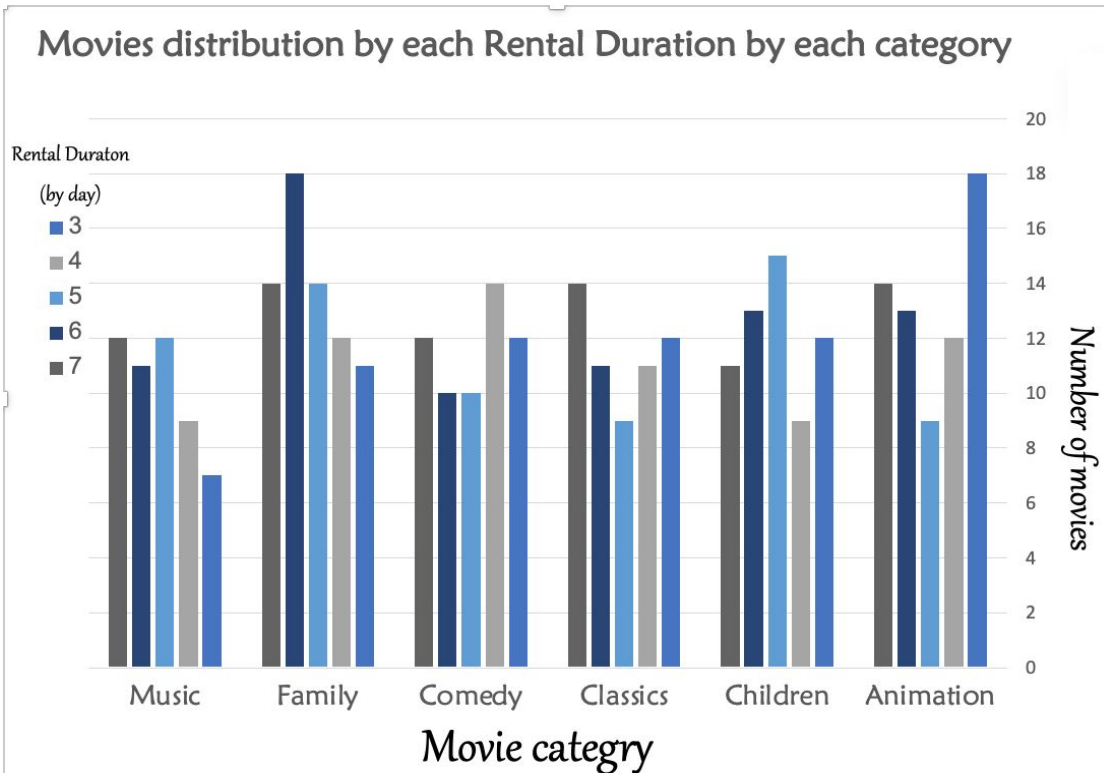

As we can see in this graph that the highest number of films for family watching is animation films category with 1166 films, while the lowest is the music films category with 817 films. As for the number of comedy, children and classic films, they are close to each other.

Question 2: How the length of rental duration of these family-friendly movies compares to the duration that all movies are rented for?

Movies distribution by each Rental Duration by each category
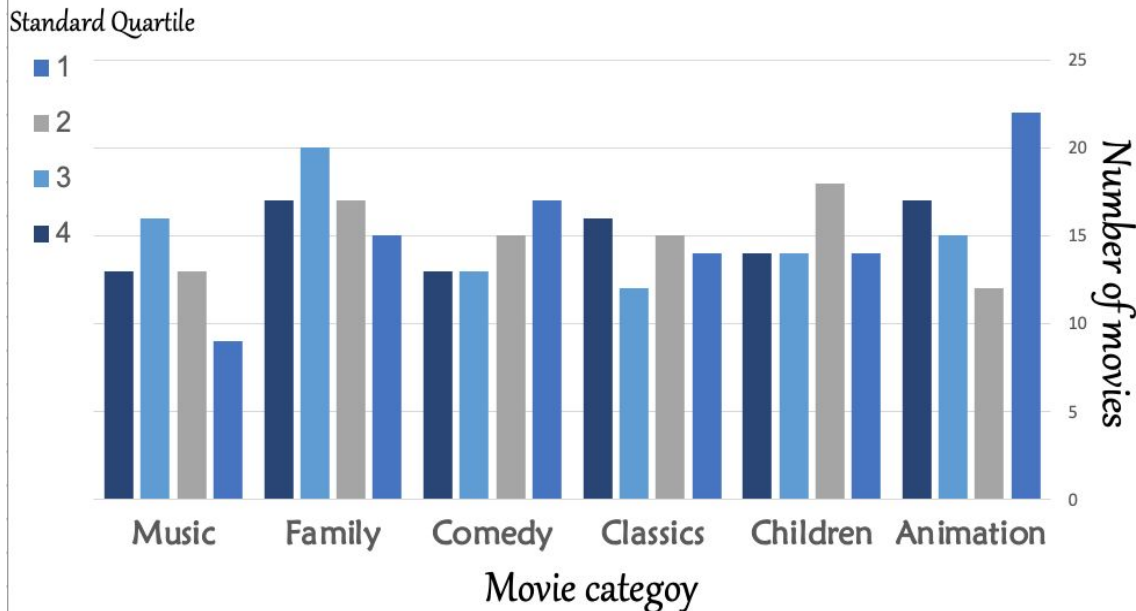
This graph shows the distribution of the length of rental duration of these family-friendly movies compared to the duration that all movies are rented for.

We can see clearly that the highest number of films in the Animation category is rented for 3 days in comparison to the highest number of films in the family category which are rented for 6 days.

Question 2: How does the length of rental duration of these family-friendly movies compares?
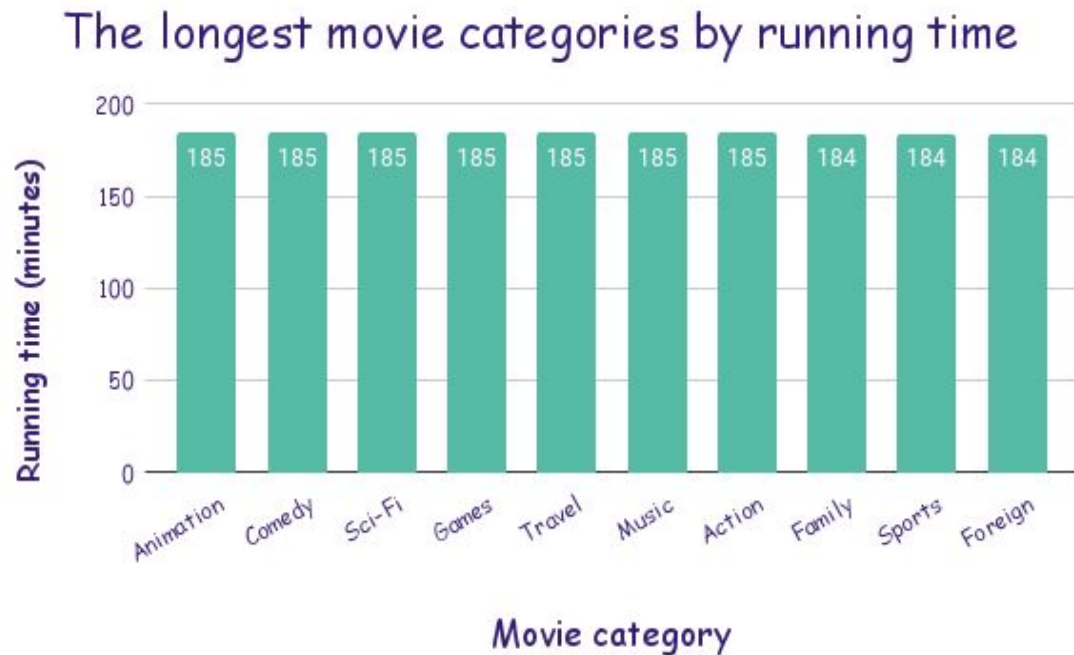

Movies distribution by each quartile by each category

This graph shows the distribution of total family-friendly movies for each categories divide by duration quartiles.

We see here in the first quartile that the highest number of films is in the animation category and the lowest is in the music category, while in the second quartile, the highest number is in the children's films category and the lowest is in the animation films category, and so in the third and fourth quartile.

Question 2: What are the 10 longest film categories by running time?

The longest movie categories by running time

This graph shows the 10 maximum films running time by category. We can see that clearly the Animation, Comedy, Sci-Fi, Games, Travel, Music and Action categories are the longest 185 minutes.