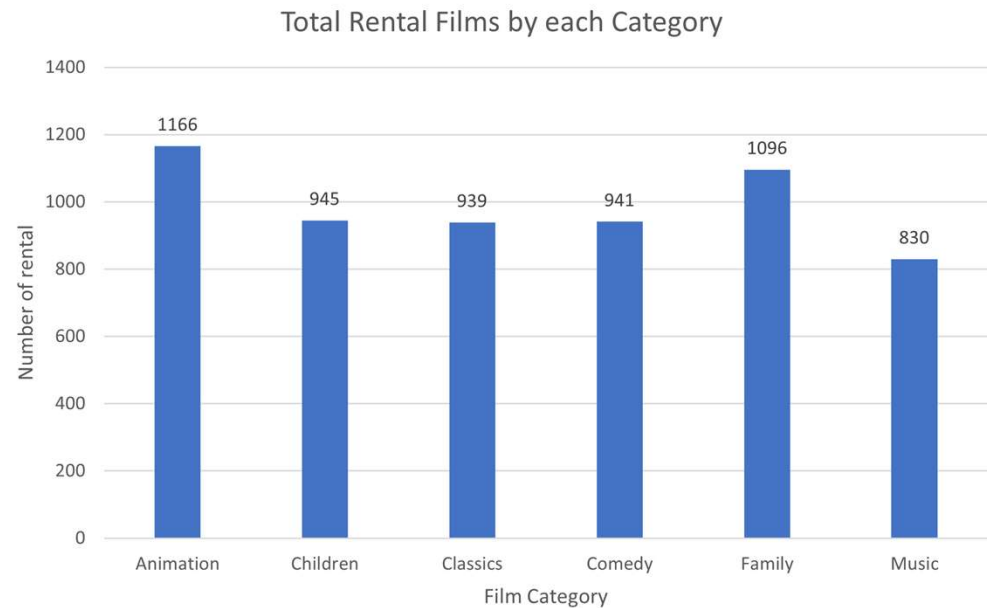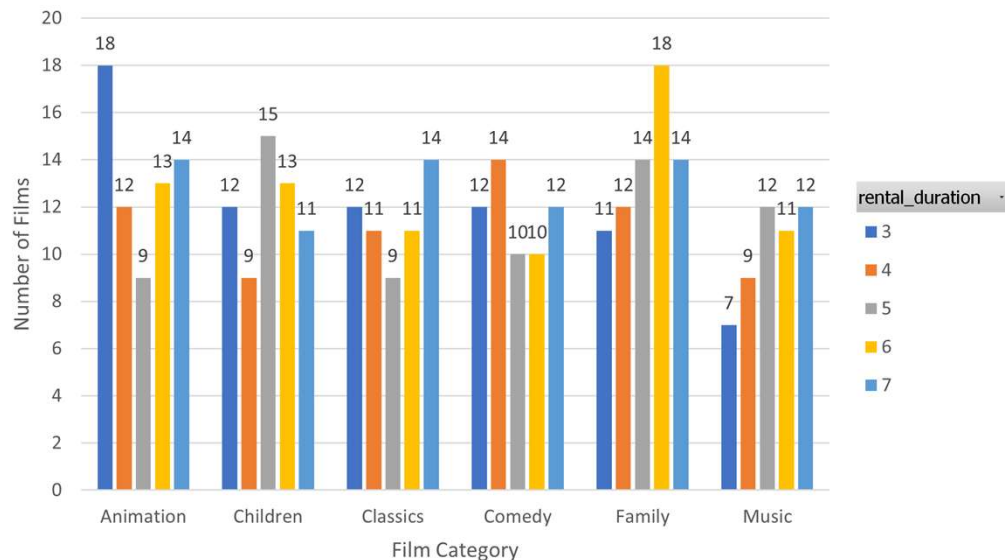# What Were The Total Rental Movies By Each Category?

Total Rental Films by each Category

Obviously, families do not prefer musical films as much as they prefer other categories, especially animated films.

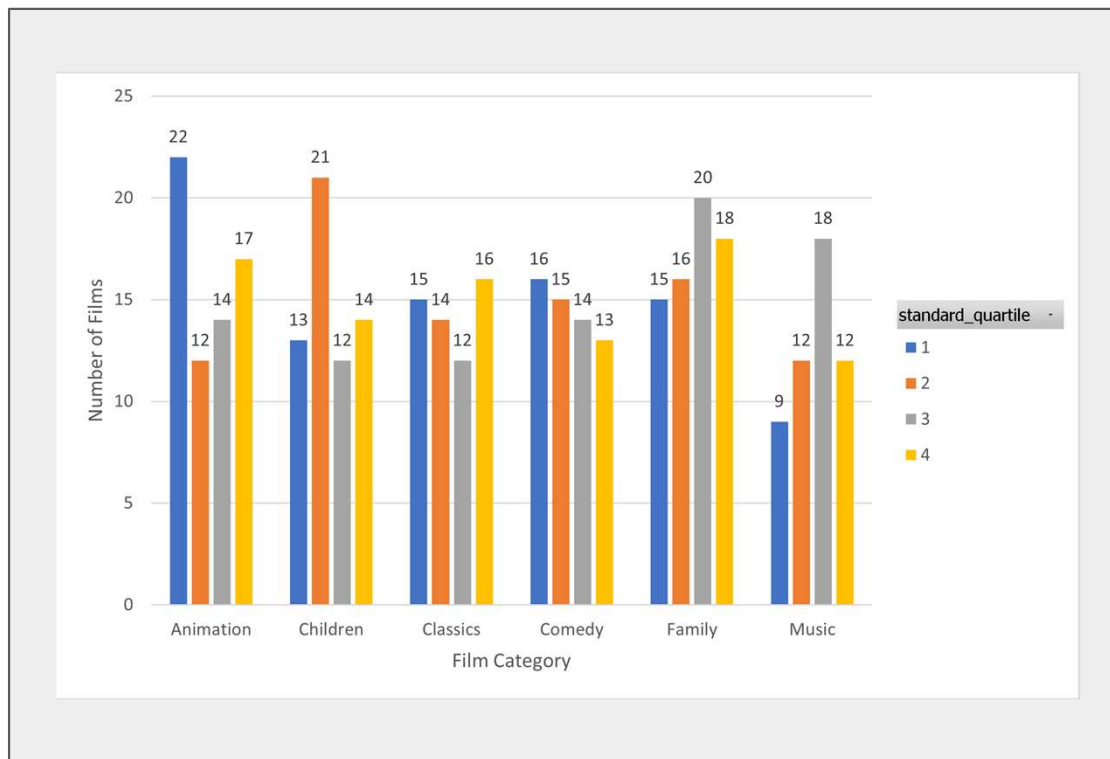Question set 1 — Question 1 in SQL.text

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

The plot shows how movie rental duration is distributed into different family movie categories. Most animated films are rented for 3 days, while "children's" films are rented for 5 days, and "comedy" films for 4 days. Compared to "classic" films, classic films are rented for 7 days and musical films for the same period. Finally, "Family" movies are rented for 6 days.
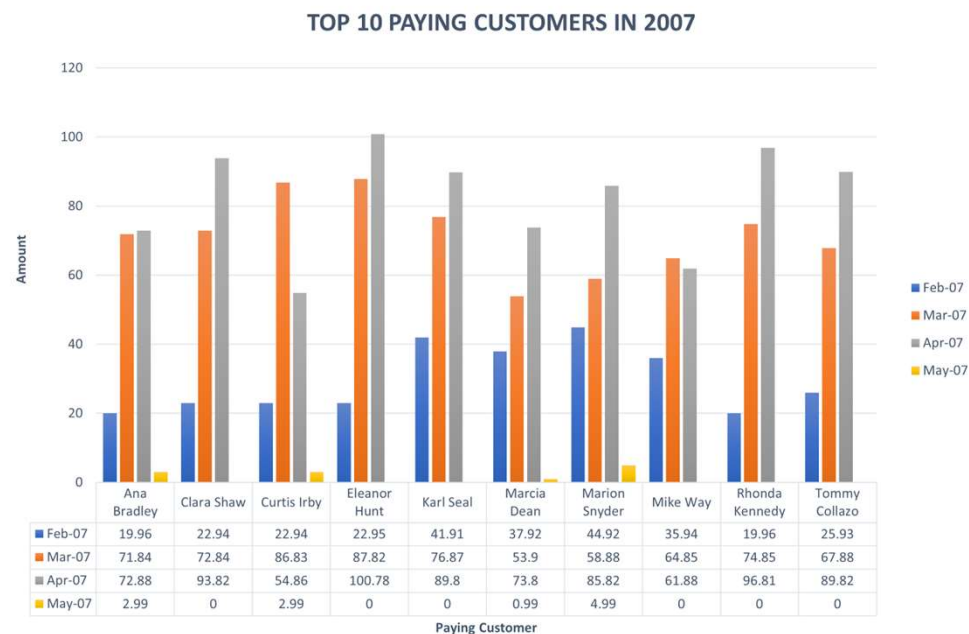
Question set 1 — Question 2 in SQL.text

How can we compare the number of movies in each quartile for each category of family movies?

The plot shows that the 'Family' category has the most movies in the third quartile, indicating that the majority of family movies have a moderate rental duration. Within the 'Family' category, there are 18 movies in the fourth quartile, which is the longest duration quartile, but still less than other categories. The 'Family' category also has a significant number of movies in the second and first quartiles. This plot allows for comparisons to be made between different categories and their distribution of movie durations.

Question set 1 – Question 3 in SQL.text

For each of these top ten paying customers, what was the difference across their monthly payments during 2007?

TOP 10 PAYING CUSTOMERS IN 2007

	Ana Bradley	Clara Shaw	Curtis Irby	Eleanor Hunt	Karl Seal	Marcia Dean	Marion Snyder	Mike Way	Rhonda Kennedy	Tommy Collazo
Feb-07	19.96	22.94	22.94	22.95	41.91	37.92	44.92	35.94	19.96	25.93
Mar-07	71.84	72.84	86.83	87.82	76.87	53.9	58.88	64.85	74.85	67.88
Apr-07	72.88	93.82	54.86	100.78	89.8	73.8	85.82	61.88	96.81	89.82
May-07	2.99	0	2.99	0	0	0.99	4.99	0	0	0

This plot displays the 10 customers who paid the most each month during 2007, listed by name and the amount they paid.

And we can see 'Marcia Dean' made the highest monthly payment of $85.82 in April 2007, as indicated by the plot.

Question set 2 – Question 2 and 3 in SQL.text