

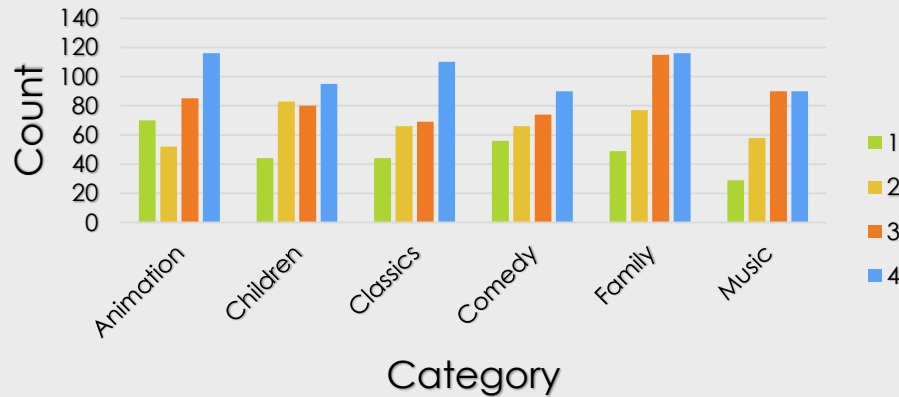


**Ahmad Mohammed Abdelhameed**

**INVESTIGATE A RELATIONAL DATABASE PROJECT**

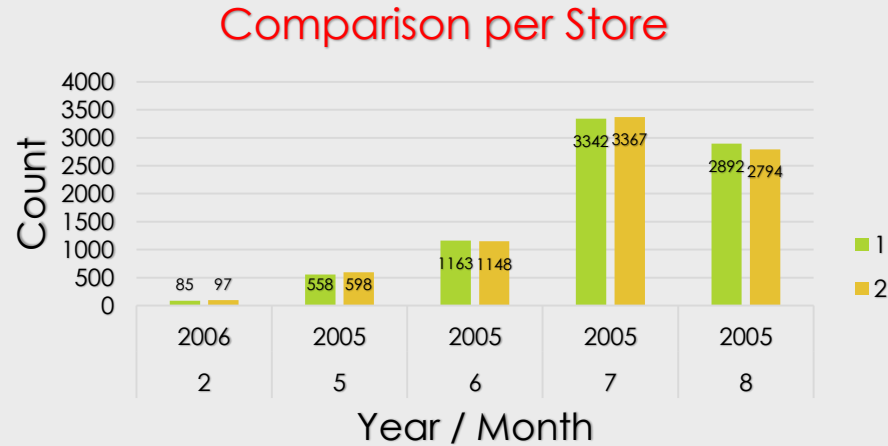
Provide a table with the movie titles and divide them into 4 levels (first\_quarter, second\_quarter, third\_quarter, and final\_quarter) based on the quartiles (25%, 50%, 75%) of the rental duration for movies across all categories

Number of rental based on  
category per quartile



Shows film category, and the number of times it has been rented in which quarter of the year

**We want to find out how the two stores compare in their count of rental orders during every month for all the years we have data for**

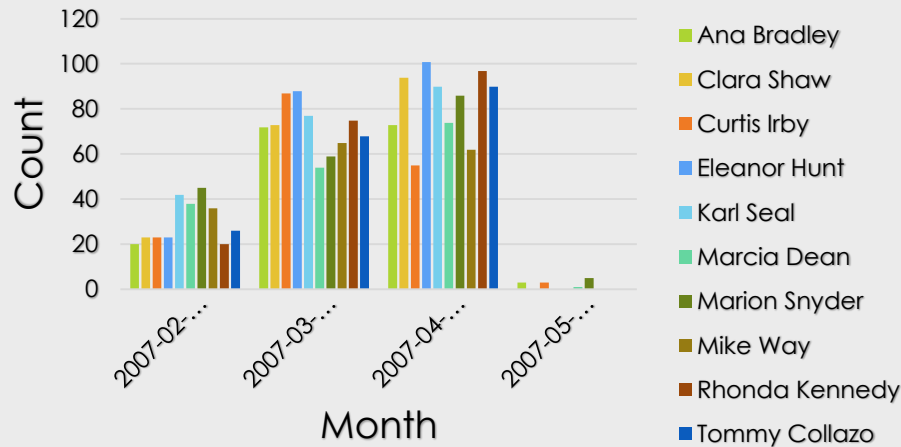


The stores have very close rental numbers every month in the database, with change of leadership between the two stores every month of the two years.

The total rental in 2005 is high for two stores and then as we see the rentals dropped in 2006.

**top 10 paying customers, how many payments they made on a monthly basis during 2007, and what was the amount of the monthly payments.**

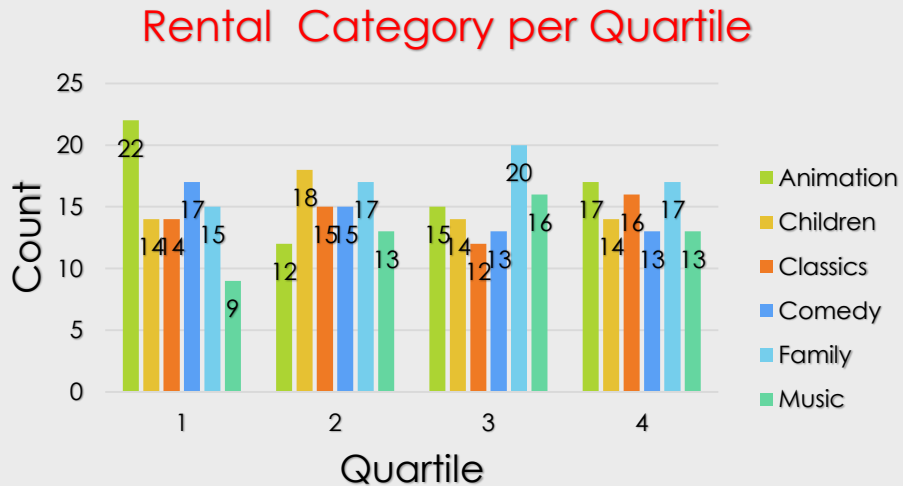
**Top 10 paying customers per month**



List the top 10 paying customers over the febarary,march,april,may of 2007

As we see the paying is low for feb month then it rises in march and april and then the paying for all cutomers drops in may.

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



This table shows us the family-friendly film category, each of the quartiles, and the corresponding count of movies over the year based on rental duration category