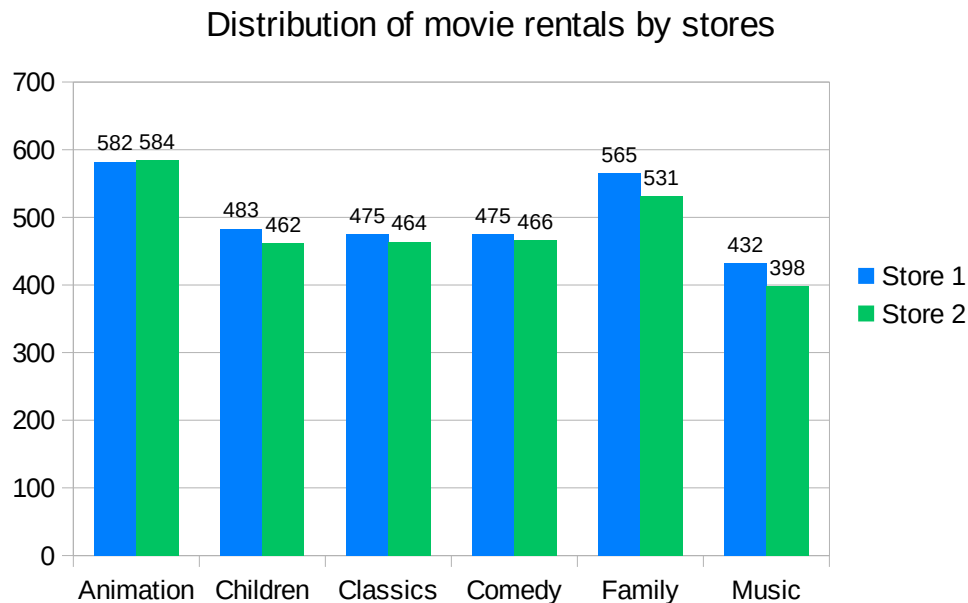


Query 1

How many times films in the family-friendly categories ('Animation', 'Children', 'Classics', 'Comedy', 'Family', 'Music') were rented in each store?



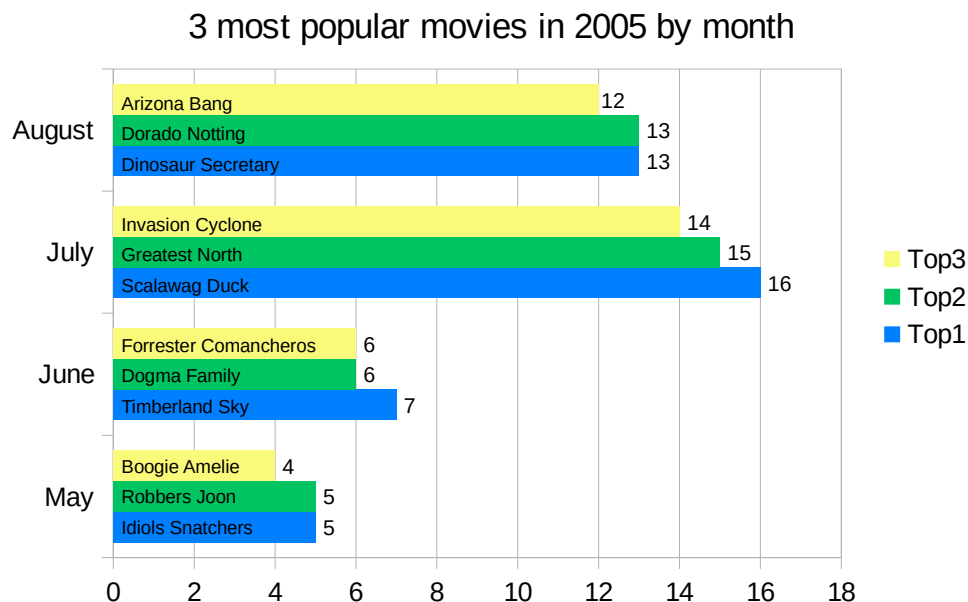
Description: The plot here shows the distribution of the number of movies in family-friendly categories by stores, they were rented from.

It can be seen that Store 1 is more popular than Store 2 among people who wants to rent family-friendly movies. Although there are few categories where the competition is close.

Similarly we can compare the popularity of the two stores in other categories.

Query 2

In the family-friendly film category ('Animation', 'Children', 'Classics', 'Comedy', 'Family', 'Music') which was the top 3 most popular movies in 2005 by month and how many times were they rented out by month?



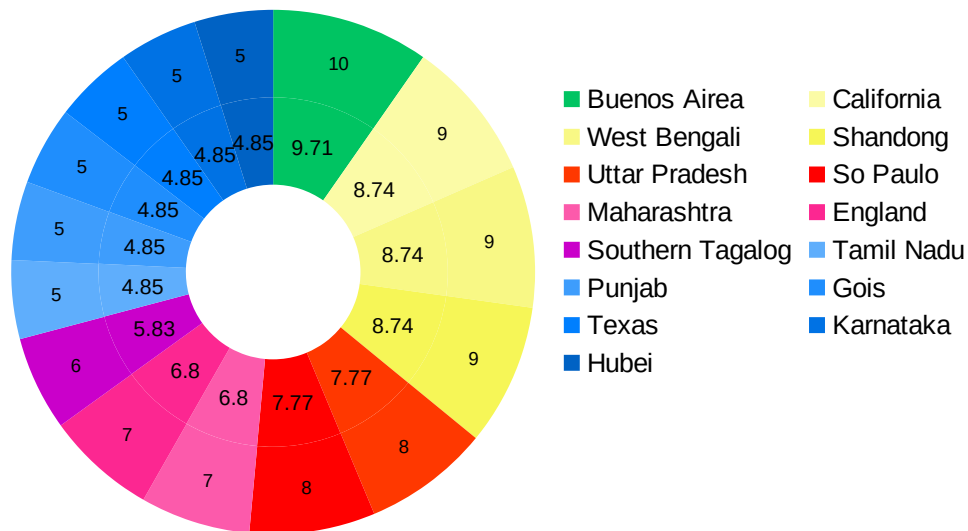
Description: The plot here shows the top 3 most popular movies in family-friendly categories by months in 2005 and how many times they were rented in the given month.

It can be seen that there is no overlap in the movies at all. Each month has its own unique top 3 movies. We can also notice that even the most popular movies were rented only a few times in May and June, July and August seems to be more popular in movie nights. Maybe people more tend to rent movies during summer holiday.

Query 3

How do customers distributed (quartiles and percentage) by district, among districts where we have at least 5 customers from?

Distribution of customers by districts

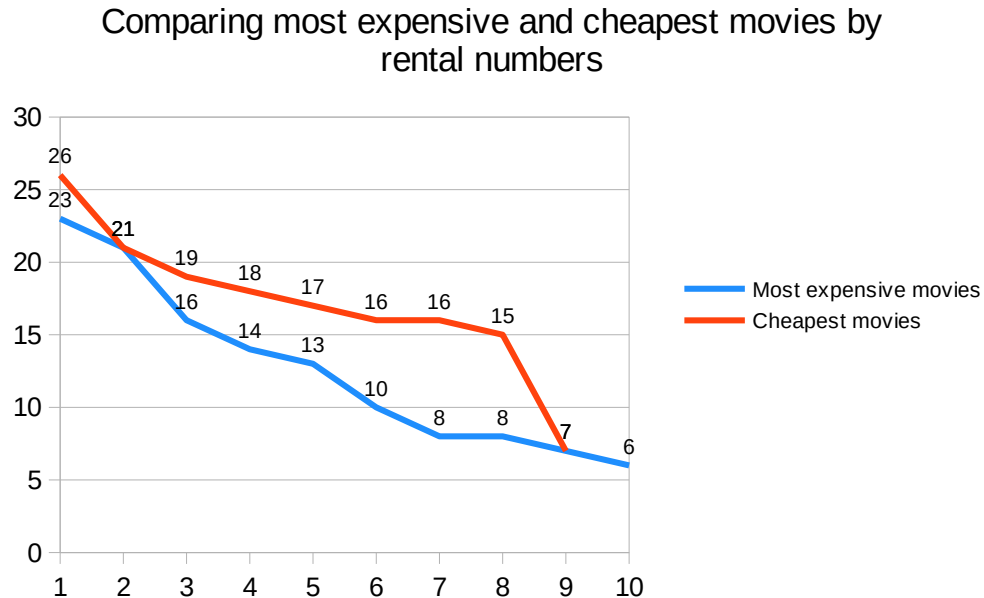


Description: The chart here shows the distribution of customers by district, among districts where we have at least 5 customers (percentage and number of customers).

As we can see we have only 10 customers living in the district from where we have the biggest number of customers. Also we have customers from many districts. That would be interesting to see how many customers the stores have on a daily basis, if not too many maybe it would be worth it to think about turning into an online store.

Query 4

Which are the 10 most expensive and 10 cheapest movies? How many times were they rented out in 2005?



Description: The plot here shows the comparison between the top 10 most expensive movies and top 10 cheapest movies by how many times they were rented out in 2005.

As it can be seen they have a few common sections but on average cheapest movies are more popular.

It's also noticeable that the graph of cheapest movies only shows 9 rental numbers, it caused by missing data in the database.