

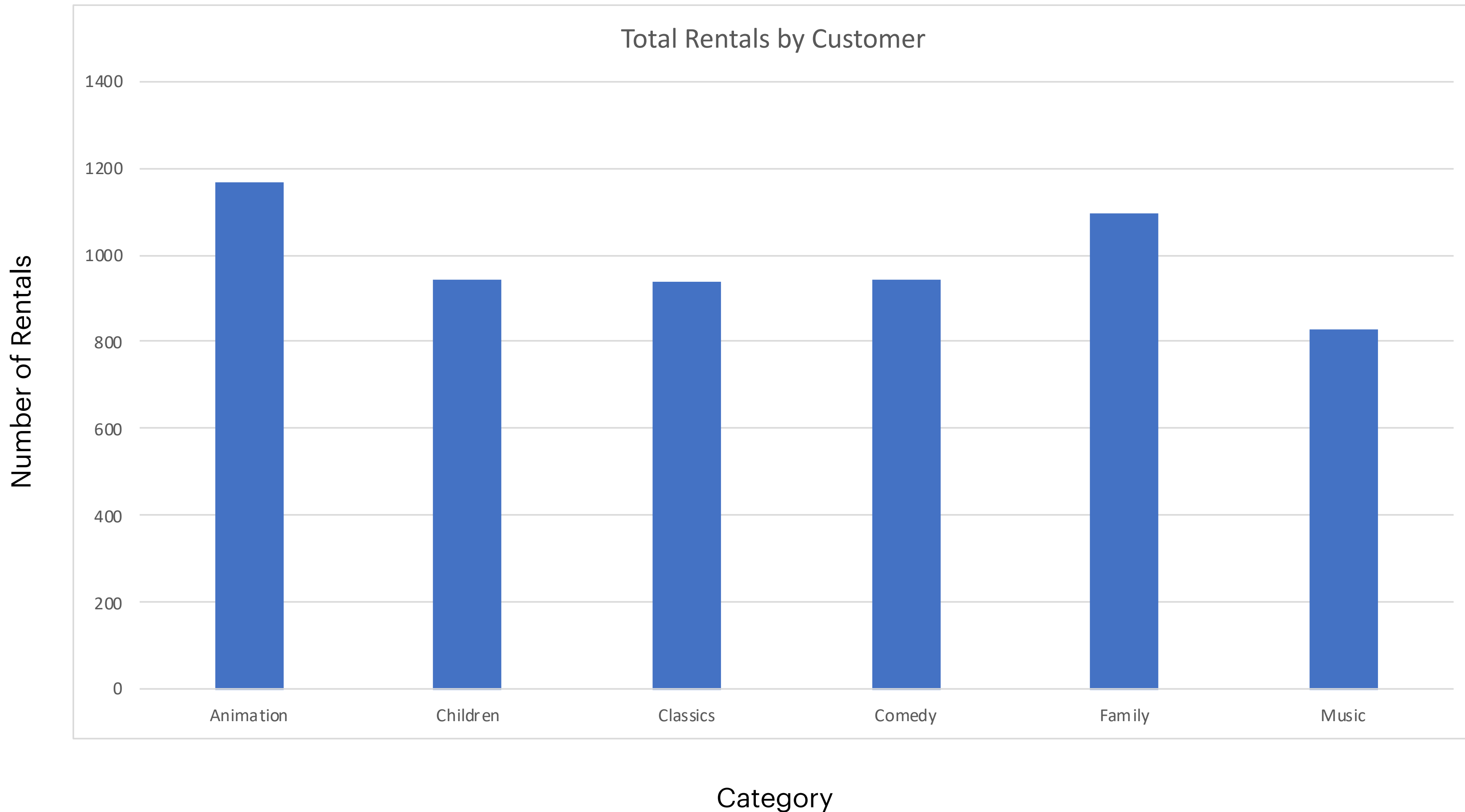
Investigate a Relational Database

Project One

Programming With R Nanodegree

James Wood 2021

What is the most rented category?



Question #1

The graph shows the number of rentals for each category.

The data indicates that the most rented category is Animation, followed by the Family category .

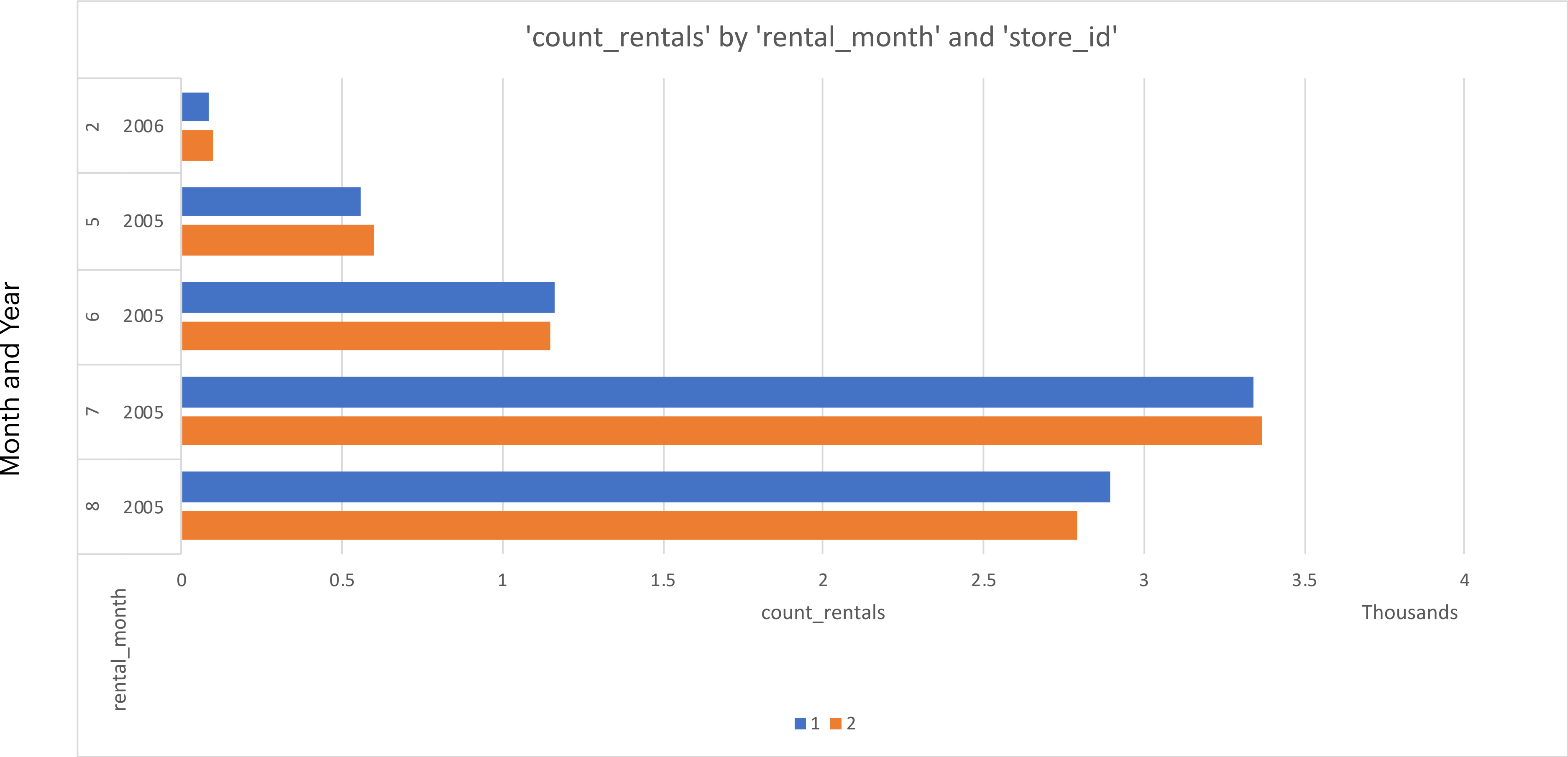
Classics, Comedy and the Children categories are at about the same level.

Music is the least rented category.

Next year, we should store Animation movies in our inventories a little bit more since they have the highest demand. We can see that looking at median.

How do the rental counts compare between the two stores for each month and years for which data is available.

Comparison Between Stores



Question #2

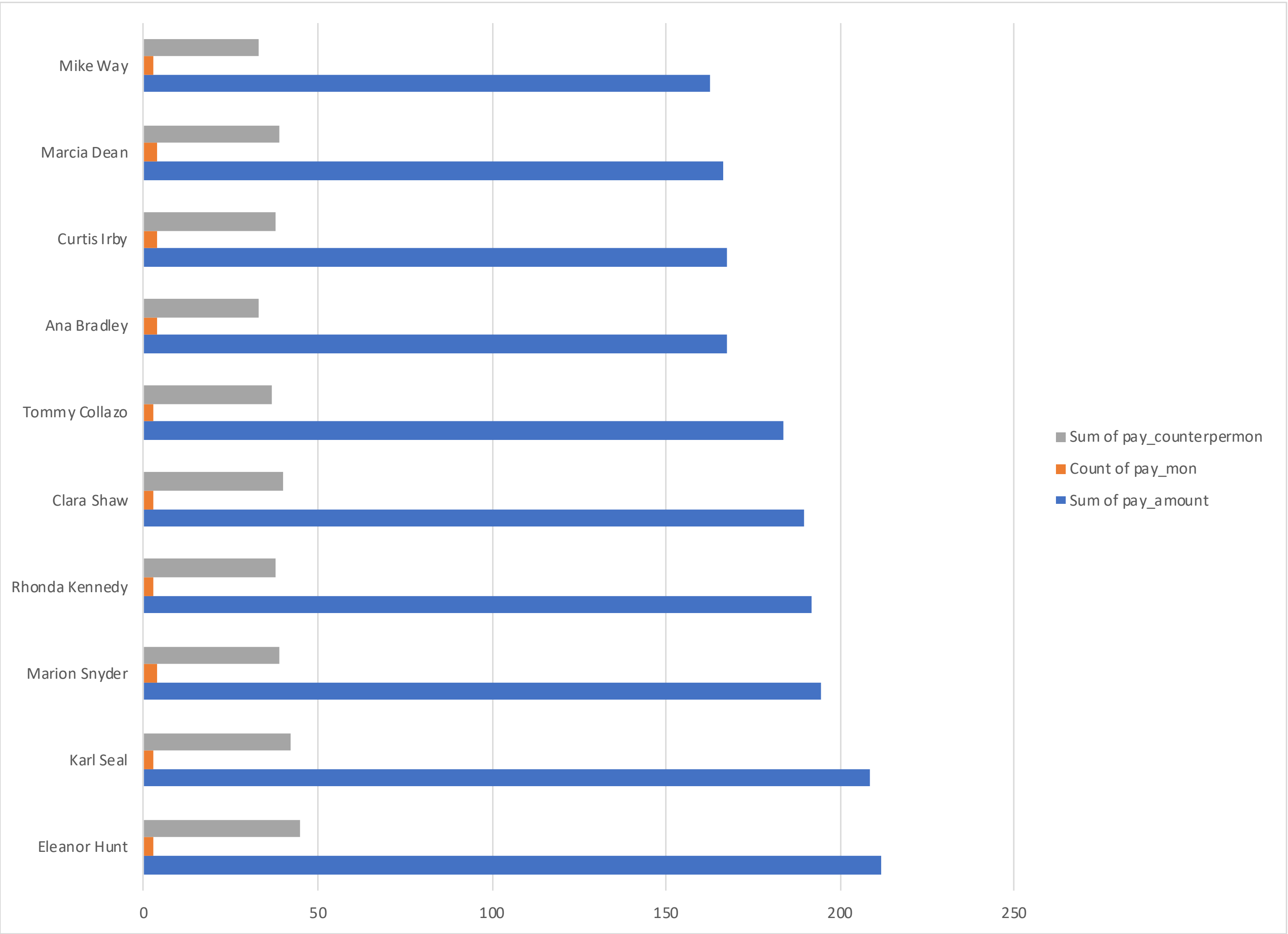
The stores have very close rental numbers every month in the database

A potential reason as to why there is a drop in rentals for the year 2006 is a change in management.

Who are the top 10 customers? How many payments did they make on a monthly basis and what was the amount of the payment?

Top Ten Paying Customers

Customer



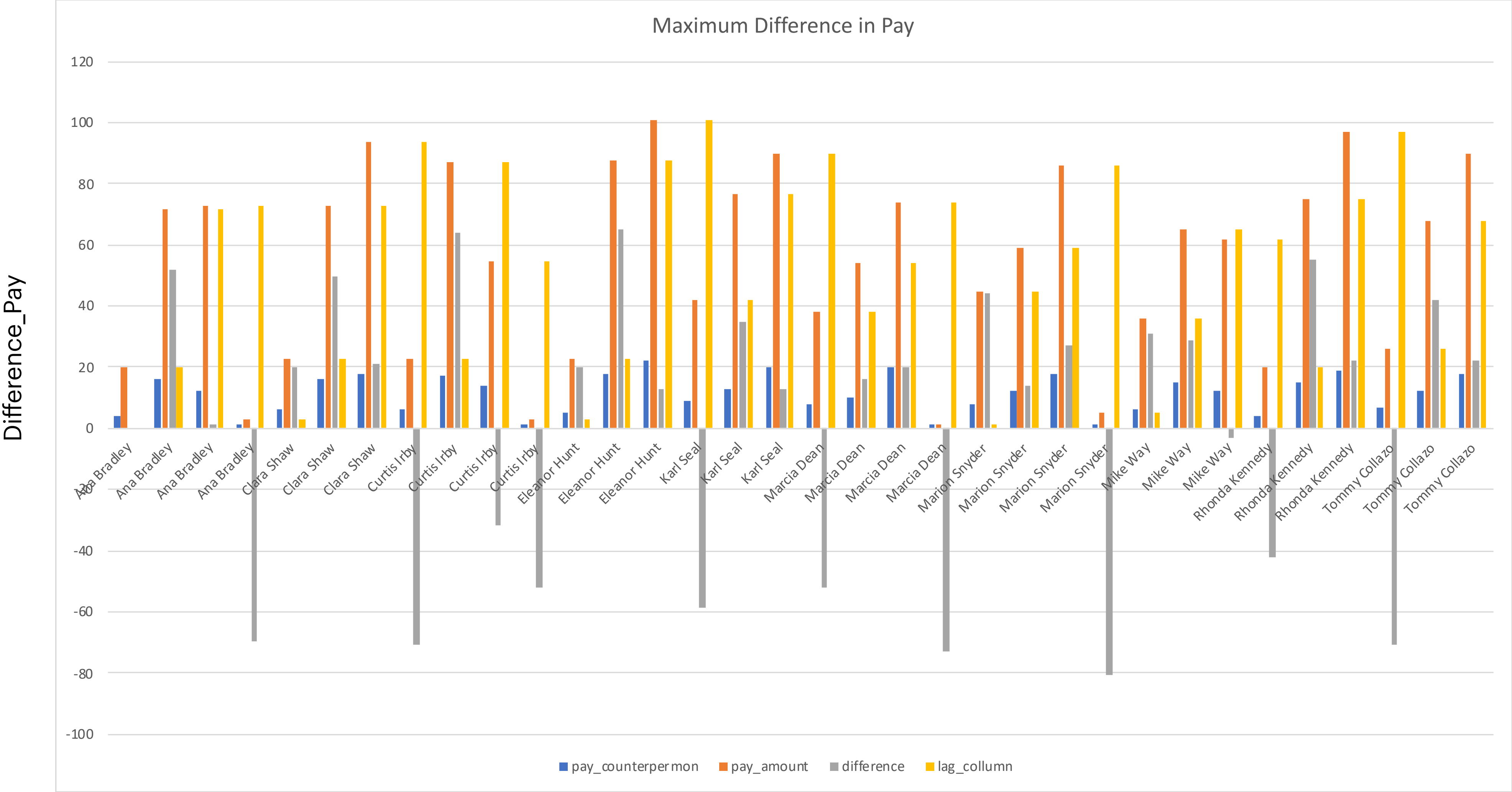
Payments

Question #3

The top 10 customers have been identified , as well as the number of payments each customer made on a monthly basis and the amount of each payment

The data shows that Eleanor Hunt was the top paying customer

For each of the 10 customers I would like to know the difference of their monthly payments and which customer paid the most difference.



Top 10 customers

Question #4

The customer that paid the Most difference is Marion Snyder