# We want to understand more about the movies that families are watching.

| film_tile | category_nai | rental_coun |
|---|---|---|
| Alter Victory | Animation | 22 |
| Anaconda Confessions | Animation | 21 |
| Bikini Borrowers | Animation | 17 |
| Blackout Private | Animation | 27 |
| Borrowers Bedazzled | Animation | 22 |
| Canyon Stock | Animation | 19 |
| Carol Texas | Animation | 18 |
| Champion Flatliners | Animation | 13 |
| Clash Freddy | Animation | 25 |
| Club Graffiti | Animation | 19 |
| Crossroads Casualties | Animation | 21 |
| Dares Pluto | Animation | 9 |
| Desire Alien | Animation | 8 |
| Dogma Family | Animation | 30 |
| Donnie Alley | Animation | 14 |
| Doors President | Animation | 19 |
| Double Wrath | Animation | 25 |
| Duck Racer | Animation | 6 |
| Early Home | Animation | 7 |
| Falcon Volume | Animation | 22 |
| Fight Jawbreaker | Animation | 22 |
| Flying Hook | Animation | 20 |
| Forrester Comancheros | Animation | 27 |
| Gangs Pride | Animation | 27 |
| Ghostbusters Elf | Animation | 9 |
| Harper Dying | Animation | 20 |
| Hook Chariots | Animation | 13 |
| Horn Working | Animation | 24 |
| Inch Jet | Animation | 18 |
| Insects Stone | Animation | 18 |
| Intentions Empire | Animation | 17 |
| Ishtar Rocketeer | Animation | 7 |
| Juggler Hardly | Animation | 32 |
| Lawless Vision | Animation | 17 |
| Luke Mummy | Animation | 7 |
| Massage Image | Animation | 12 |
| Menagerie Rushmore | Animation | 7 |
| Miracle Virtual | Animation | 9 |
| Mission Zoolander | Animation | 18 |
| Nash Chocolat | Animation | 15 |
| Oscar Gold | Animation | 25 |

| Oz Liaisons | Animation | 24 |
|---|---|---|
| Packer Madigan | Animation | 22 |
| Pond Seattle | Animation | 19 |
| Potluck Mixed | Animation | 11 |
| Potter Connecticut | Animation | 17 |
| Pride Alamo | Animation | 16 |
| Punk Divorce | Animation | 8 |
| Room Roman | Animation | 20 |
| Sleepless Monsoon | Animation | 20 |
| Snowman Rollercoaster | Animation | 23 |
| Sons Interview | Animation | 15 |
| Storm Happiness | Animation | 29 |
| Sugar Wonka | Animation | 17 |
| Sunrise League | Animation | 24 |
| Telemark Heartbreaker | Animation | 25 |
| Theory Mermaid | Animation | 11 |
| Thief Pelican | Animation | 19 |
| Titanic Boondock | Animation | 23 |
| Tracy Cider | Animation | 26 |
| Turn Star | Animation | 14 |
| Wait Cider | Animation | 21 |
| Watch Tracy | Animation | 16 |
| Wonka Sea | Animation | 18 |
| Backlash Undefeated | Children | 19 |
| Bear Graceland | Children | 22 |
| Beneath Rush | Children | 10 |
| Betrayed Rear | Children | 15 |
| Cabin Flash | Children | 15 |
| Casper Dragonfly | Children | 8 |
| Christmas Moonshine | Children | 21 |
| Circus Youth | Children | 15 |
| Clockwork Paradise | Children | 10 |
| Comancheros Enemy | Children | 6 |
| Crooked Frogmen | Children | 23 |
| Daughter Madigan | Children | 9 |
| Doctor Grail | Children | 7 |
| Empire Malkovich | Children | 21 |
| Fargo Gandhi | Children | 24 |
| Forever Candidate | Children | 13 |
| Full Flatliners | Children | 5 |
| Fury Murder | Children | 19 |
| Ghost Groundhog | Children | 21 |

| Giant Troopers | Children | 28 |
|---|---|---|
| Gorgeous Bingo | Children | 19 |
| Graduate Lord | Children | 16 |
| Hall Cassidy | Children | 16 |
| Heartbreakers Bright | Children | 20 |
| Hollywood Anonymous | Children | 13 |
| Holocaust Highball | Children | 17 |
| Idols Snatchers | Children | 30 |
| Invasion Cyclone | Children | 27 |
| Jersey Sassy | Children | 6 |
| Jumping Wrath | Children | 24 |
| Labyrinth League | Children | 15 |
| Language Cowboy | Children | 11 |
| Legally Secretary | Children | 9 |
| Magic Mallrats | Children | 7 |
| Maker Gables | Children | 10 |
| Microcosmos Paradise | Children | 13 |
| Model Fish | Children | 15 |
| Murder Antitrust | Children | 23 |
| Noon Papi | Children | 17 |
| Polish Brooklyn | Children | 18 |
| Robbers Joon | Children | 31 |
| Sabrina Midnight | Children | 21 |
| Santa Paris | Children | 11 |
| Scarface Bang | Children | 18 |
| Shepherd Midsummer | Children | 25 |
| Splendor Patton | Children | 21 |
| Strangelove Desire | Children | 24 |
| Stranger Strangers | Children | 11 |
| Sundance Invasion | Children | 19 |
| Sweethearts Suspects | Children | 29 |
| Tequila Past | Children | 6 |
| Ties Hunger | Children | 11 |
| Tootsie Pilot | Children | 15 |
| Twisted Pirates | Children | 11 |
| Uptown Young | Children | 12 |
| Warlock Werewolf | Children | 6 |
| Wrong Behavior | Children | 20 |
| Zoolander Fiction | Children | 17 |
| Arizona Bang | Classics | 21 |
| Beast Hunchback | Classics | 11 |

There are 350 family movies that were rented, we could see a portion of the query results.
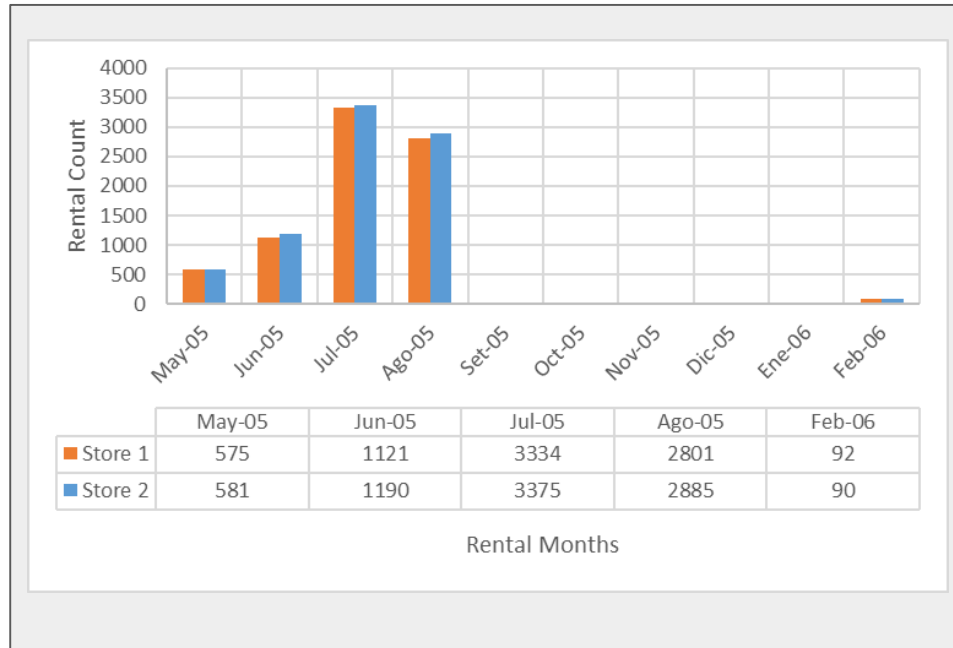
The most rented were Jawar Hardly (Animation 32 times) and Scalaw Duck (Music 32 times). We could find more relations about the top categories rented but the question was general.

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

| is_family | qty_movies | average_rentalduration | total_rental | avg_rentalpermovie |
|---|---|---|---|---|
| non_family | 608 | 4.9375 | 10127 | 16.65625 |
| family_movie | 350 | 5.025714286 | 5917 | 16.90571429 |

We could see that family movies have more rental duration than non family in almost 0.01 day or what it means 2 hours more in average. In the other hand we see that non_family movies were rented more, but it is why there are more non_family movies in our catalogue. If we see the average rental per movie we see that family movies are rented 1.01 times more than non_family movies (1.5% more)
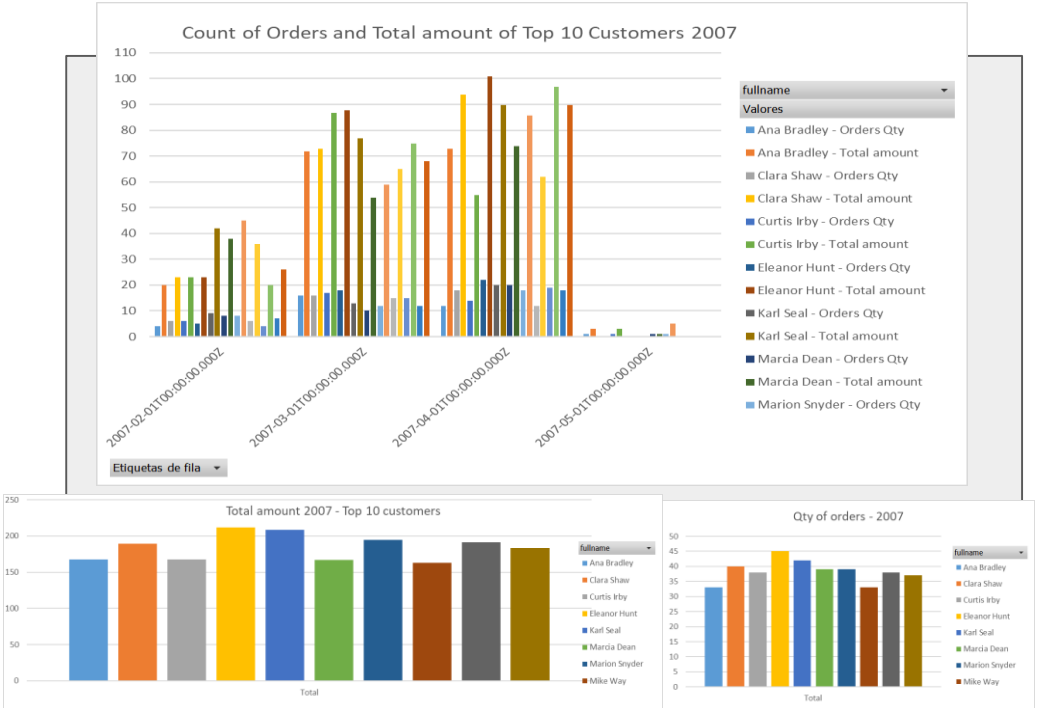
# How the two stores compare in their count of rental orders during every month for all the years we have data?



| | May-05 | Jun-05 | Jul-05 | Ago-05 | Feb-06 |
|---|---|---|---|---|---|
| Store 1 | 575 | 1121 | 3334 | 2801 | 92 |
| Store 2 | 581 | 1190 | 3375 | 2885 | 90 |

Rental Months

We could see that Store 2 has been performing slightly better than Store 1.

From the data that we have we could say that the best month was Jul-05, the worst was Feb-06, but probably it's because the data was taken in the beginning of February 06.

# Who were our top 10 paying customers, how many payments they made on a monthly basis during 2007, and what was the amount of the monthly payments?



Count of Orders and Total amount of Top 10 Customers 2007

Total amount 2007 - Top 10 customers

Qty of orders - 2007

We could see the top 10 paying customers in a monthly basis.

As we see Eleanor Hunt is our best customer based in total orders qty, and amount, followed by Karl Seal.