

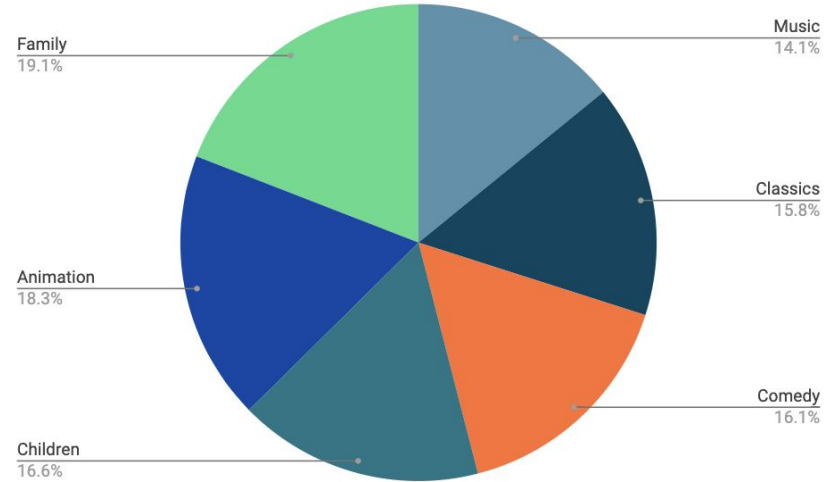
# Question 1

- Create a query that lists each movie, the film category it is classified in, and the number of times it has been rented out.
- Extract Animation, Children, Classics, Comedy, Family and Music categories and see what is most popular category among these

	film character varying (255) 🔒	cat character varying (25) 🔒	count_rentals bigint 🔒
1	Juggler Hardly	Animation	32
2	Scalawag Duck	Music	32
3	Rush Goodfellas	Family	31
4	Robbers Joon	Children	31
5	Apache Divine	Family	31
6	Network Peak	Family	31
7	Timberland Sky	Classics	31
8	Zorro Ark	Comedy	31
9	Frost Head	Classics	30
Total rows: 361 of 361    Query complete 00:00:00.141			



	cat character varying (25) 🔒	famcat_count bigint 🔒
1	Music	51
2	Classics	57
3	Comedy	58
4	Children	60
5	Animation	66
6	Family	69



## Short analysis

Families rent from the "Family" category the most. But it's relatively equally spread among the subcategories within the Family category so really no distinct winner.

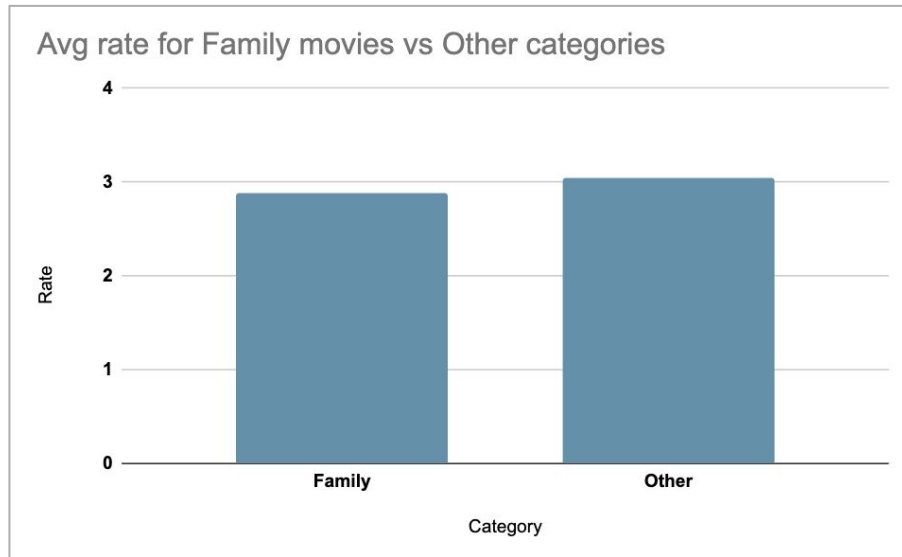
## Question 2

- What is the average rental rate for family movie categories?
- Is it lower or higher than other categories?

	cat character varying (25) 🔒	avg_rate numeric 🔒
1	Comedy	3.28
2	Music	3.06
3	Animation	2.76
4	Family	2.7
5	Children	2.69
6	Classics	2.64



	category text 🔒	avg_rate numeric 🔒
1	Family	2.88
2	Other	3.04

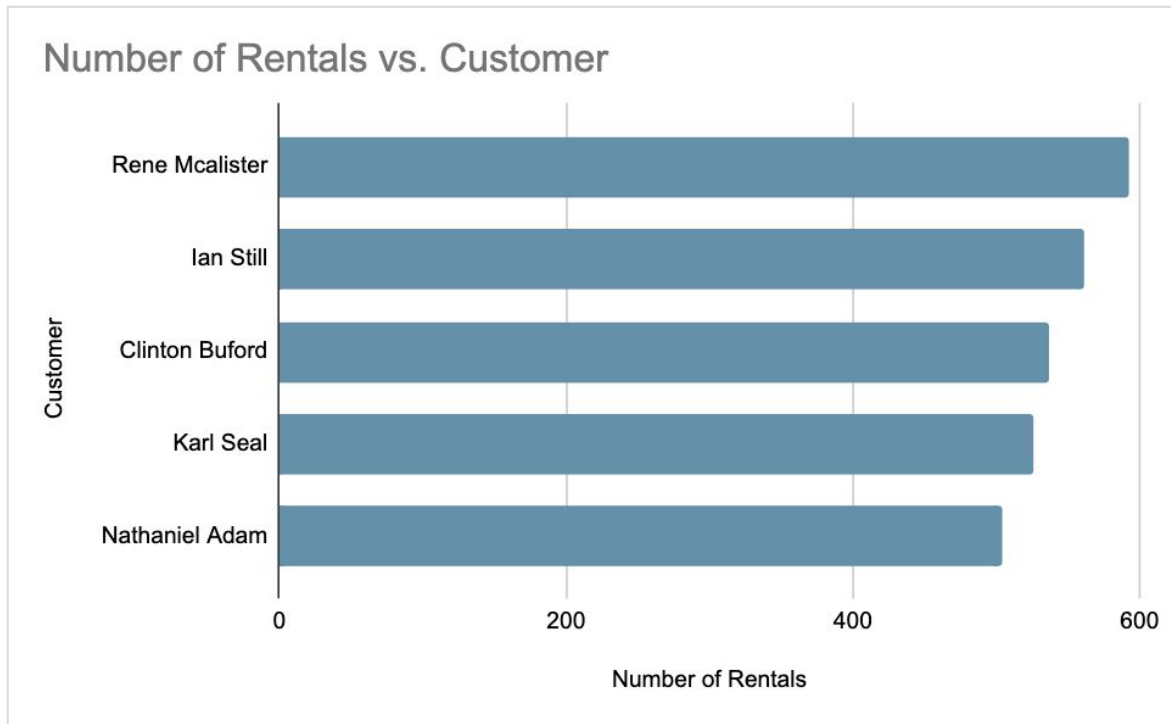


### Short analysis

Family category movies cost a little less than other categories

# Question 3

Who are the 5 customers that have rented the most in US?

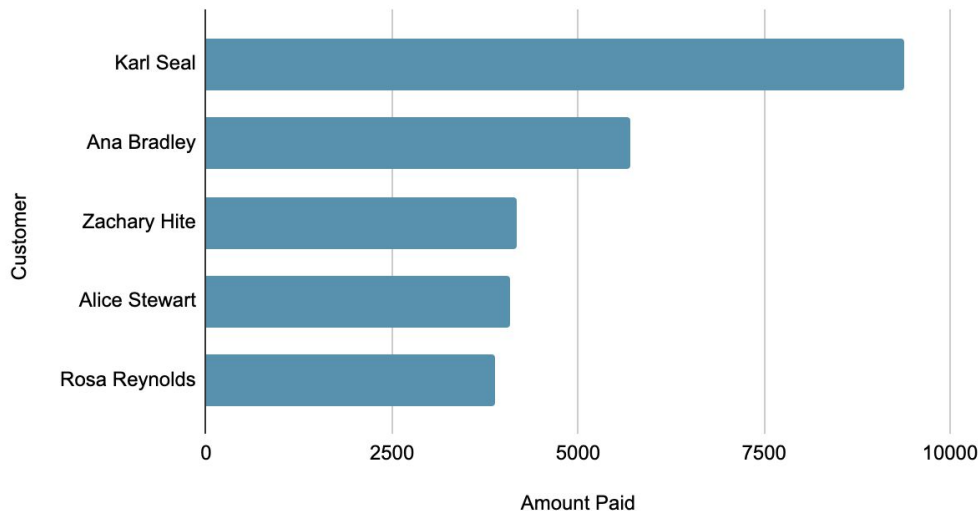


	customer_name text	rentals smallint
1	Rene Mcalister	593
2	Ian Still	561
3	Clinton Buford	537
4	Karl Seal	526
5	Nathaniel Adam	504

# Question 4

Are these the same 5 as the 5 who have paid the most?

Amount Paid vs. Customer



	customer_name text	rentals smallint	amount_paid numeric
1	Karl Seal	526	9386
2	Ana Bradley	181	5701
3	Zachary Hite	479	4176
4	Alice Stewart	51	4082
5	Rosa Reynolds	112	3892

## Short analysis

No, not at all. Karl is the only one appearing in both. He should be awarded! Alice seems to only like the latest, most expensive movies :) She does not rent so much but we earn a lot on her rentals.