How is the distribution of movies by category (Based on my preferences)?

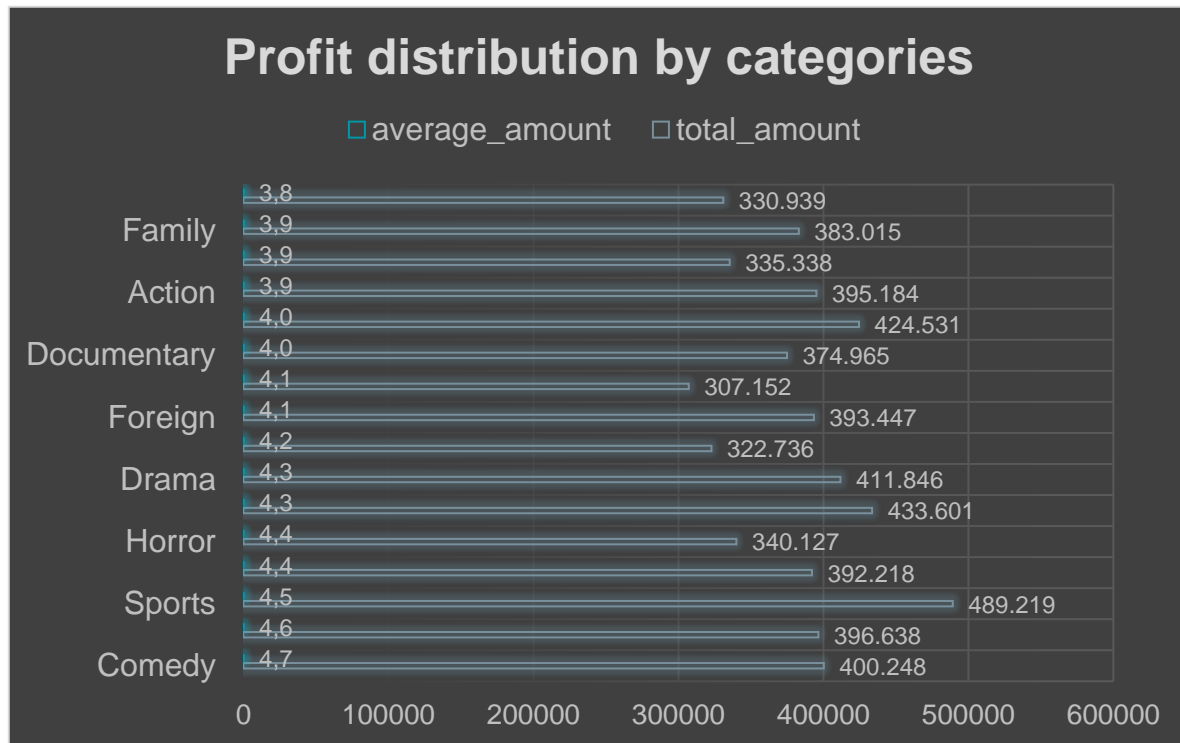## Distribution of movies by category.
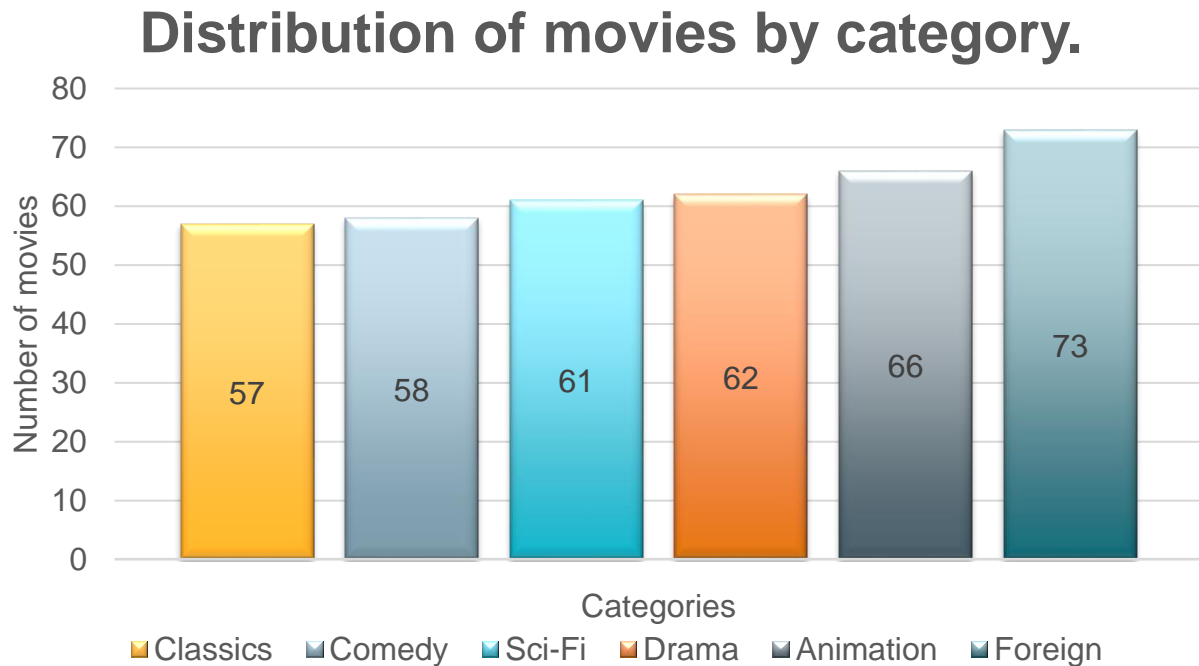
Based on my film preferences such as: Drama, Animation, Sci-Fi, Comedy , Classics, Foreign.

We can see that the "Foreign" category has the highest number of movies (73).

By the other hand, "Classics" has the lowest (57)

How is the distribution of the categories of the film's movies based on their profitability?

Profit distribution by categories

□ average_amount   □ total_amount

| Category	average_amount	total_amount
Family	3,8	330.939
	3,9	383.015
	3,9	335.338
Action	3,9	395.184
	4,0	424.531
Documentary	4,0	374.965
	4,1	307.152
Foreign	4,1	393.447
	4,2	322.736
Drama	4,3	411.846
	4,3	433.601
Horror	4,4	340.127
	4,4	392.218
Sports	4,5	489.219
	4,6	396.638
Comedy	4,7	400.248

We can see that the most profitable categories are:
- Sport: 489,219
- Sci-Fi: 433,601
- Animation: 424,531
- Drama: 411,846
- Comedy: 400,248

On the other hand, those that on average have maintained good numbers depending on the number of times it is rented are:
- Comedy, Sport, Sci-Fi, and Drama.

Can the duration of the movies affect the preference to rent it?

Rentals per duration
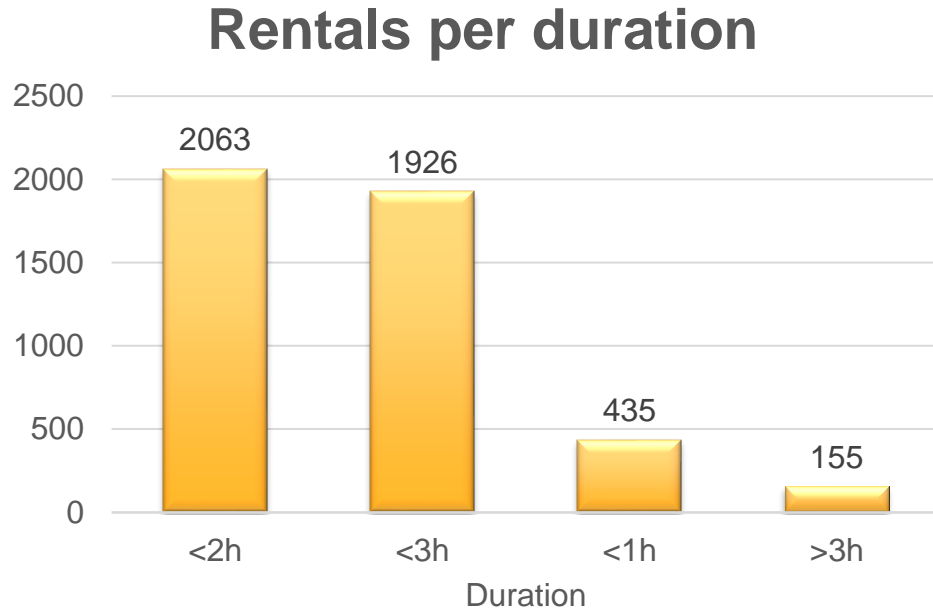
We can see that the duration of the most rented movies was in the range of 2 to 3 hours. This represents 87% of the total, 3,989 out of 4,579. Being more specific:

- Movies with up to 2 hours duration: 2,063 .
- Movies with up to 3 hours duration: 1,926.

How many times they were rented the most and least profitable films in store 2?

Most and least earning per store 2
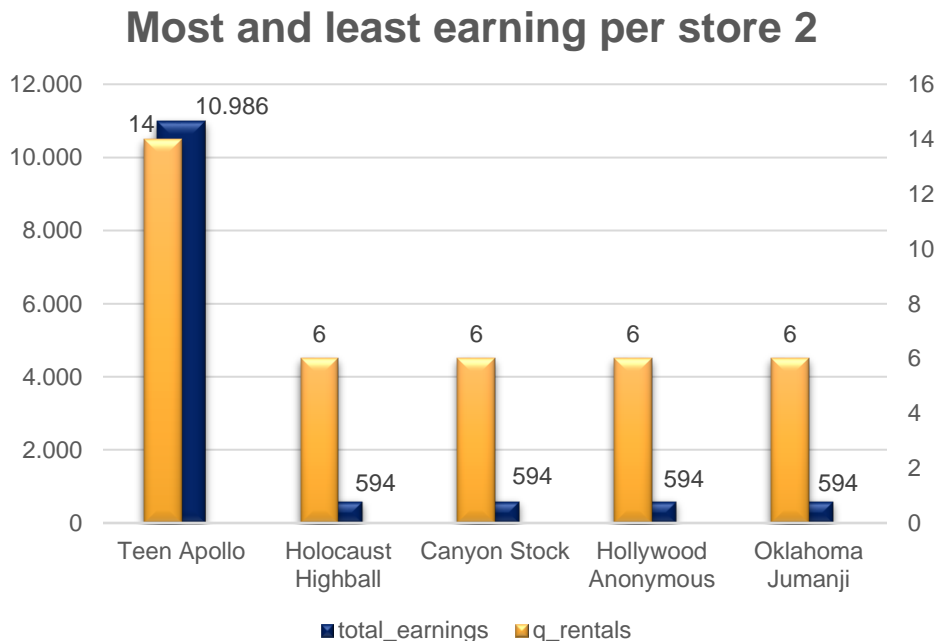
We can see that the movie with the highest profit in store 2 was:
● Teen Apollo: 10,986$ rented 14 times.
While those that took the lowest profits were 594$ rented 6 times:
● Holocaust Highball.
● Canyon Stock.
● Hollywood Anonymous.
● Oklahoma Jumanji.