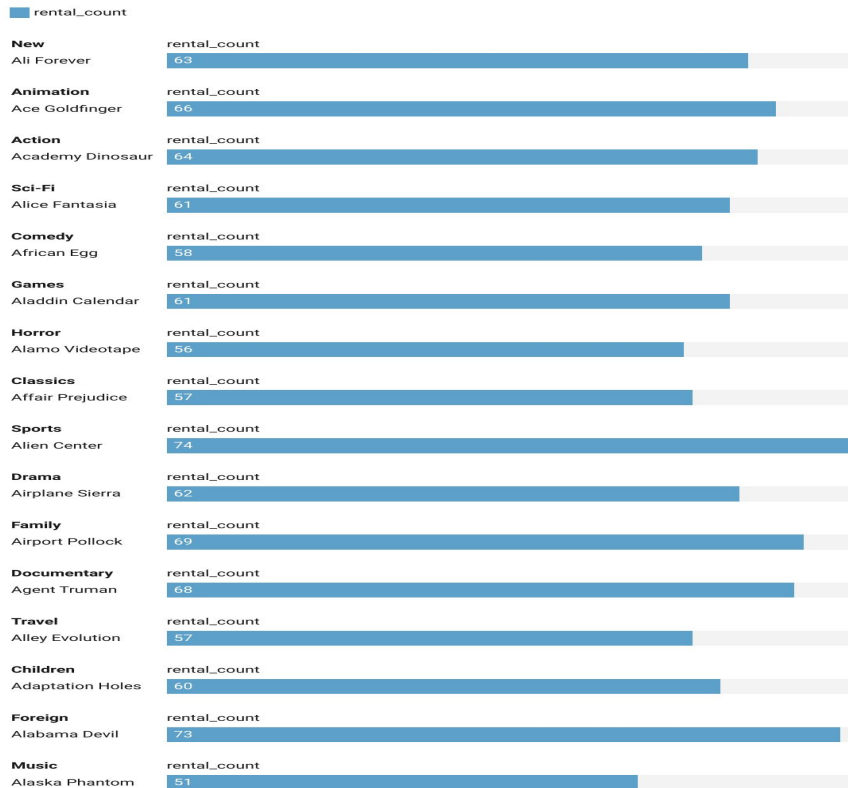


Question 1: Create a query that lists each movie, the film category it is classified in, and the number of times it has been rented out.

Rental count for each film and category



This chart shows each the rental count for each film including their categories. The bold names are the categories and below are each film. For example, looking at the bar graph, you can see that the highest rental count is from the sports category and the film is alien center.

Question 2: Can you provide a table with the movie titles and divide them into 4 levels (first_quarter, second_quarter, third_quarter, and final_quarter) based on the quartiles (25%, 50%, 75%) of the rental duration for movies across all categories?

Movie titles and rental durations across all categories based on the quartiles

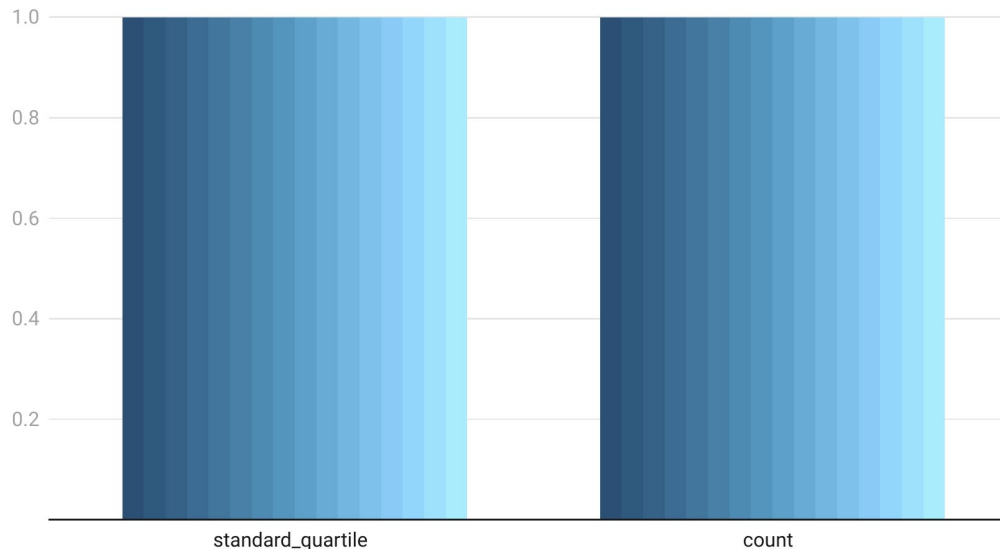
	rental_duration	standard_quartile
Adaptation Holes	60	1
African Egg	58	1
Alamo Videotape	56	1
Alley Evolution	57	1
Alaska Phantom	51	2
Aladdin Calendar	61	2
Airplane Sierra	62	2
Airport Pollock	69	2
Alice Fantasia	61	3
Academy Dinosaur	64	3
Affair Prejudice	57	3
Alien Center	74	3
Ali Forever	63	4
Alabama Devil	73	4
Ace Goldfinger	66	4
Agent Truman	68	4

On the left is a bar line graph that shows the movie title, their rental duration and their standard_quartile. As you can see, alien center has the highest rental count with a third quartile and Alamo videotape has the lowest rental count and falls under the first quartile.

Question 3: provide a table with the family-friendly film category, each of the quartiles, and the corresponding count of movies within each combination of film category for each corresponding rental duration category

family-friendly film category,

Action Animation Children Classics Comedy Documentary Drama Family
Foreign Games Horror Music New Sci-Fi Sports Travel



This is a number of family friendly film categories along with their standard_quartile and rental duration. The standard_quartile for each and each rental count. For every film category, there is one standard quartile and one rental count.

Question 3: Write a query that returns the store ID for the store, the year and month and the number of rental orders each store has fulfilled for that month. Your table should include a column for each of the following: year, month, store ID and count of rental orders fulfilled during that month.

How the two stores compare in their count of rental orders during every month for all the years

rental_month		store_id	count_rentals
2005	5	1	502
2005	5	2	497

In 2005 for store ID number one there was a total of 502 rental orders and a total of 497 rental orders for store ID number 2.