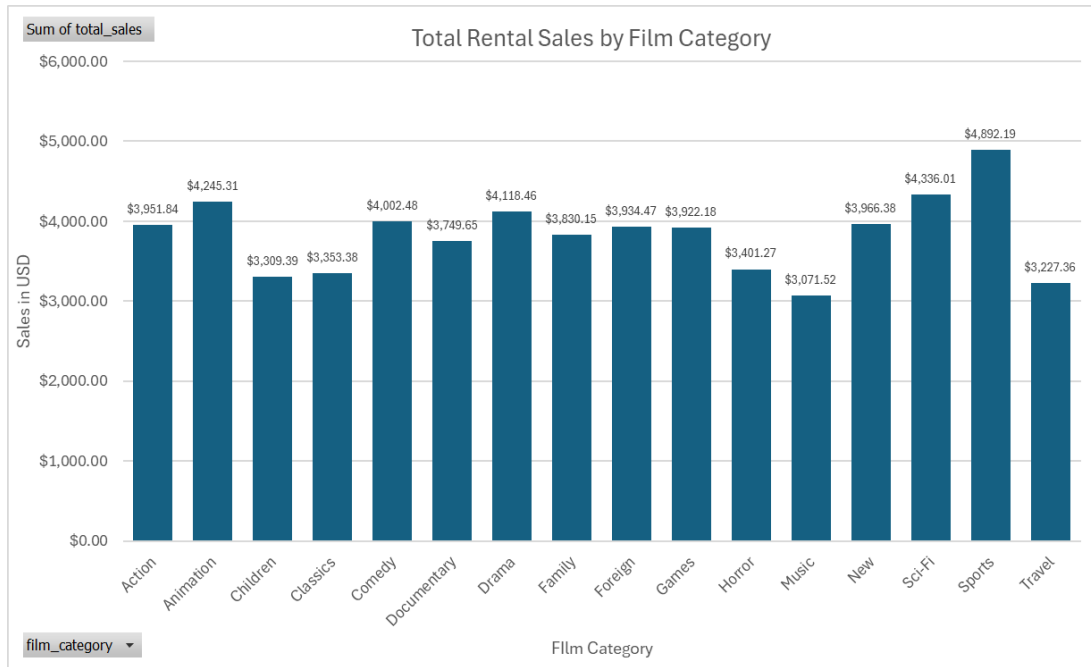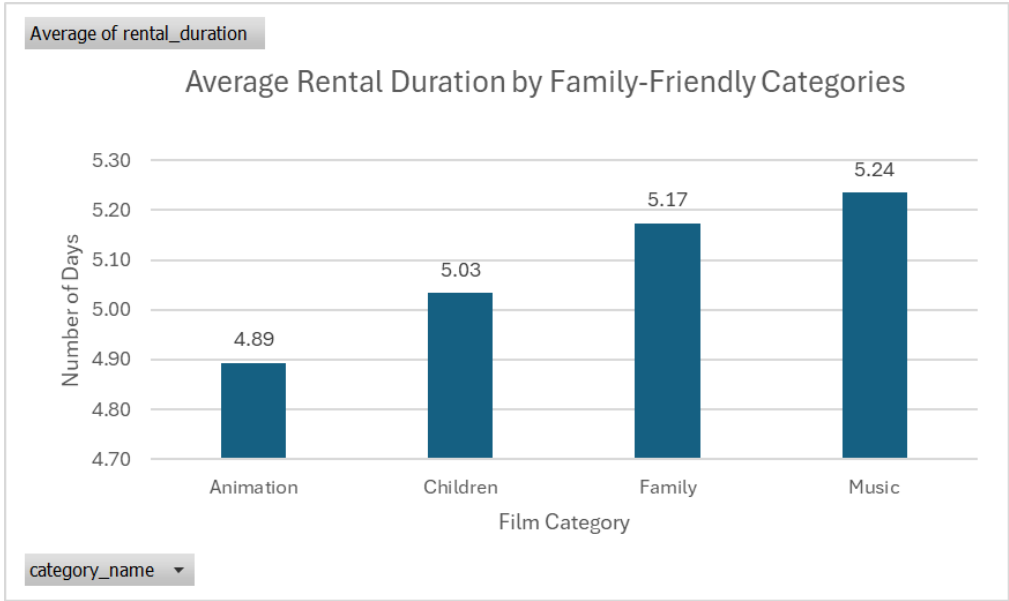# Create a query that lists each movie, the film category it is classified in, and the number of times it has been rented out. What are the top three film categories with the most rental sales?

Total Rental Sales by Film Category

Sum of total_sales

Sales in USD

Film Category	Sales
Action	$3,951.84
Animation	$4,245.31
Children	$3,309.39
Classics	$3,353.38
Comedy	$4,002.48
Documentary	$3,749.65
Drama	$4,118.46
Family	$3,830.15
Foreign	$3,934.47
Games	$3,922.18
Horror	$3,401.27
Music	$3,071.52
New	$3,966.38
Sci-Fi	$4,336.01
Sports	$4,892.19
Travel	$3,227.36

film_category ▾

The following film categories have the highest rental sales: Sports, Sci-Fi, and Animation.

Workspace + Question Set #1 – Q1
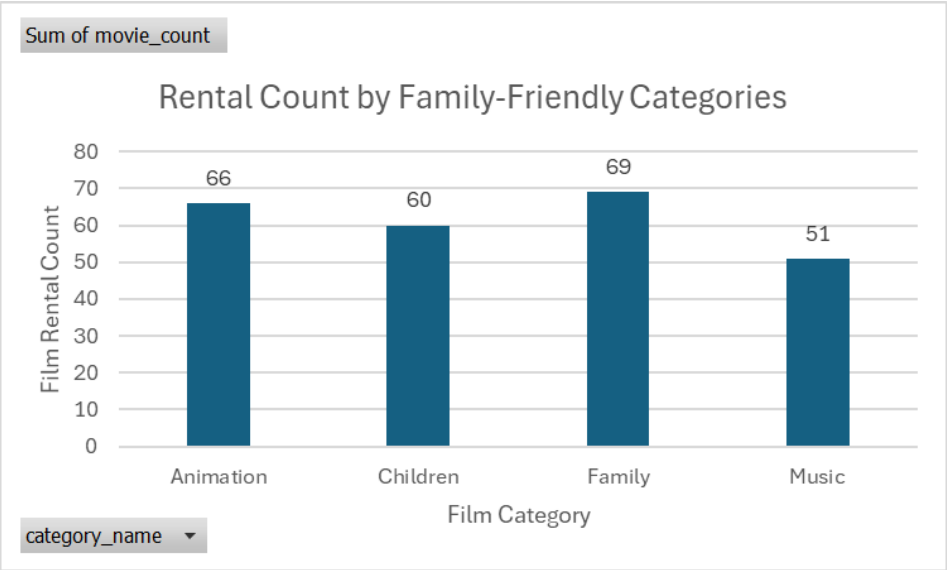
Brenda Miramontes

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 average rental duration(in the number of days) for movies across all categories?

Average of rental_duration

Average Rental Duration by Family-Friendly Categories

category_name ▼

The chart depicts Family and Music films have a longer average rental durationat 5.24 days across all Family-Friendly genre.

Workspace + Question Set #1 – Q2

Brenda Miramontes

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. The resulting table should have three columns: Category, Rental length category, Count

Within the Family-Friendly genre the most rented out subgenres are Family, Animation, and Children.

Workspace + Question Set #1 – Q3

Brenda Miramontes

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.

Sum of total_sales

Total Sales by Store
Years: 2005 & 2006

$33,343.37

$27,454.49

$283.02

$231.16

Sales in USD

$40,000.00
$35,000.00
$30,000.00
$25,000.00
$20,000.00
$15,000.00
$10,000.00
$5,000.00
$-

2005   2006   2005   2006
Store 1   Store 2

Year & Store

store_id   rental_year

Store 1 made more sales in 2005 compared to Store 2.

Workspace + Question Set #2 – Q1

Brenda Miramontes