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

**Answer:**

SELECT table1.category, table1.standard\_quartile, COUNT(\*)

FROM (SELECT category.name AS category, NTILE(4) OVER (ORDER BY film.rental\_duration) AS standard\_quartile

FROM film\_category

JOIN film

ON film\_category.film\_id = film.film\_id

JOIN category

ON film\_category.category\_id = category.category\_id

WHERE category.name IN ('Animation','Children','Classics','Comedy','Family','Music')) AS table1

GROUP BY standard\_quartile, category

ORDER BY category, standard\_quartile