

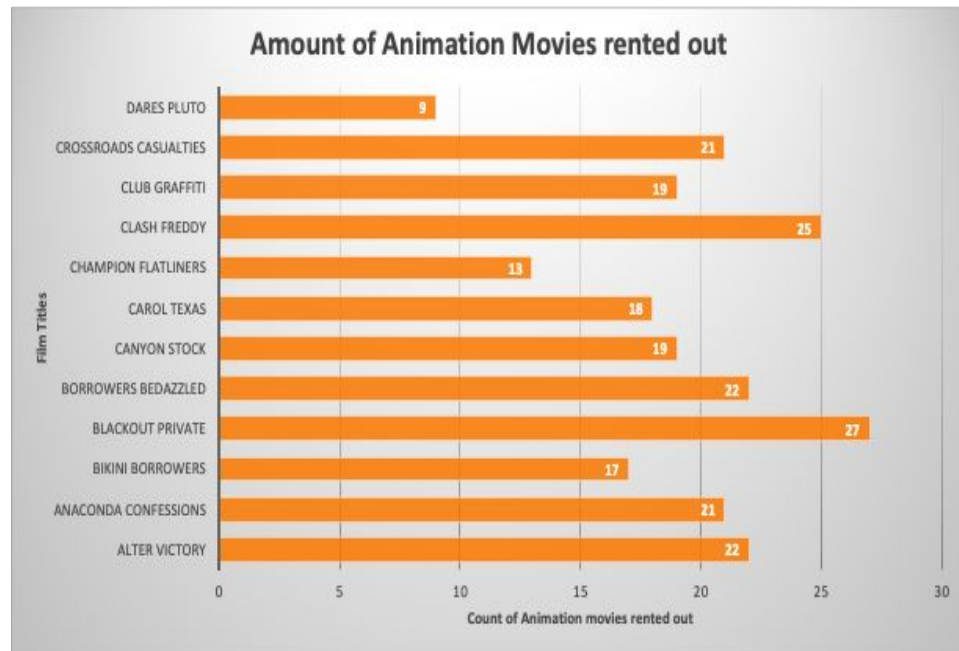
SAKILLA MOVIE DATABASE

Investigating a Relational Database

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A dark blue diagonal gradient bar that starts from the bottom left corner and extends towards the top right corner, covering the lower half of the slide.

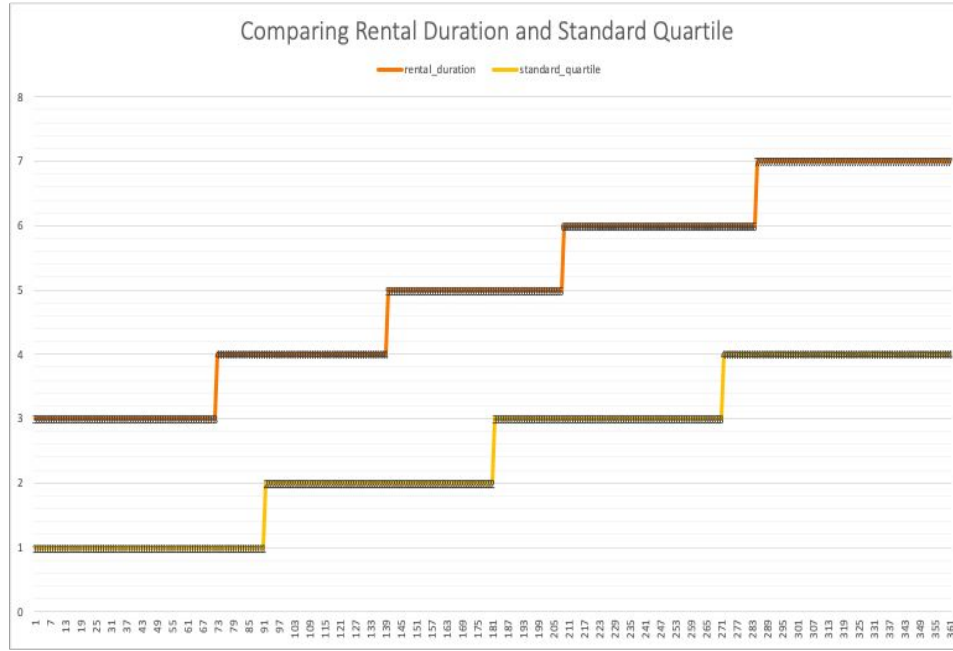
Which Film Title had the Lowest/Highest Animation movies rented out?



From our Clustered Bar chart, it is evident that the film title Blackout Private had the most movies rented out in the Animation category. As the data shows, Blackout Private had 27 movies rented out from the Animation category.

On the other hand, Dares Pluto had the lowest amount of Animation movies rented out as it could only manage to rent out 9 of them.

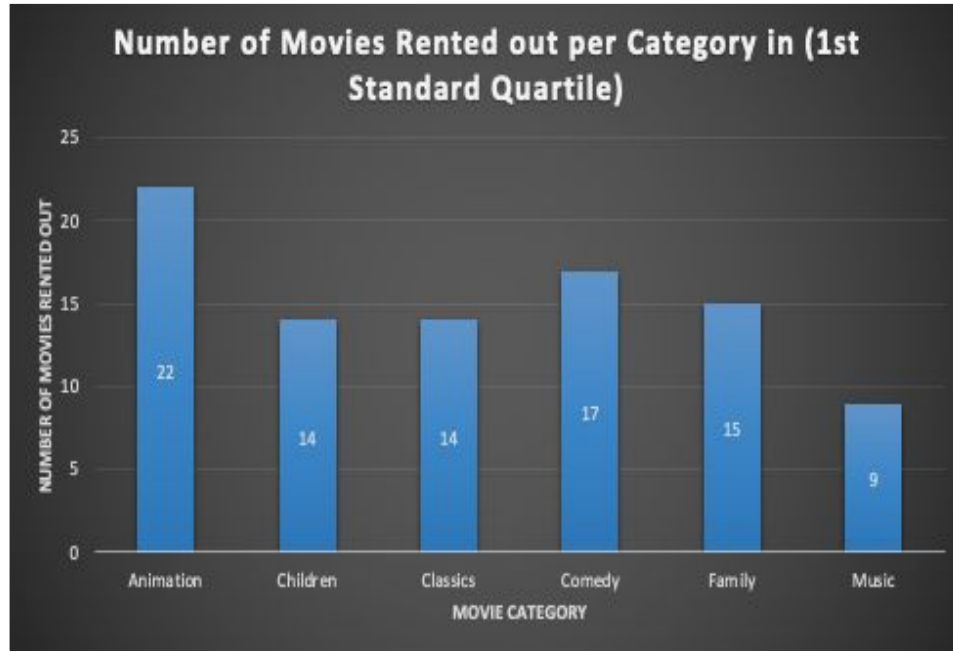
What's the Longest and Shortest Rental Duration and what is the level of quartile they belong to?



As shown in the line graph, the longest rental duration period was for 7 days and the shortest rental duration was for 3 days.

On the other hand, the standard quartile can be used to categorize the rental duration as in (1st Quartile, 2nd Quartile)

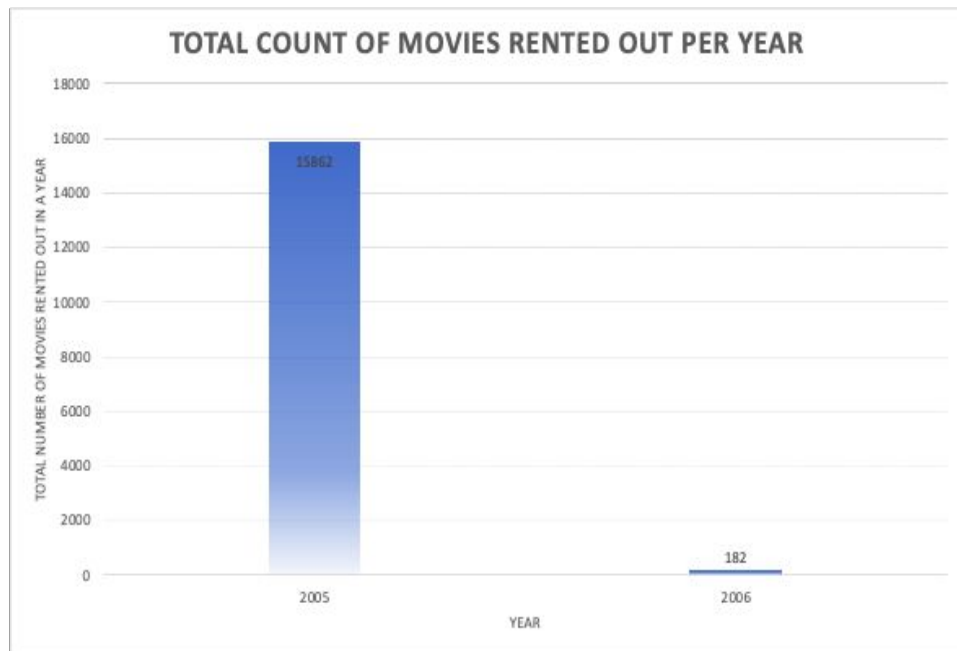
Which Category type has the most movies rented out in the 1st Standard Quartile?



From our graph, we can see that Animation has the most movies rented out as 22 of this category types have been rented out.

On the other hand, we have Music category type with the lowest movies rented out as only 9 of this type have been rented out in the 1st Standard Quartile

What is the count of movies rented out in a year?



From our graph, it is evident that the year 2005 was a very good one for our shop as we rented out 15862 movies in total. This shows that the shop was in high profit in the year of 2005.

On the other hand though, 2006 was probably not the best year for us as we only rented out 182 movies in total for the year of 2006.