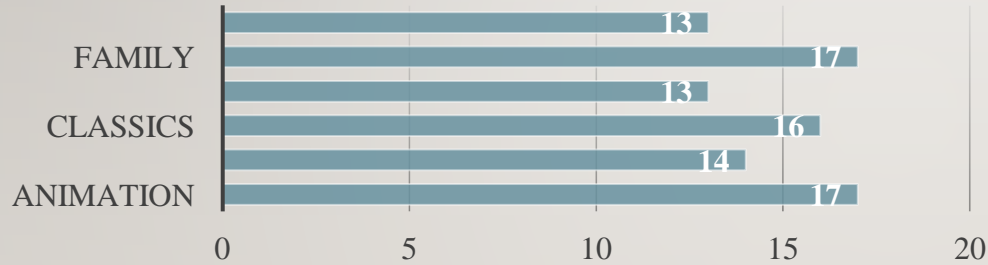# PROJECT:- **INVESTIGATE A RELATIONAL DATABASE**

By:Yashika Paneri

1): WHICH GENRE OF MOVIE WERE MOST CHECKED OUT IN THE 4TH QUARTILE OF RENTAL DURATION?
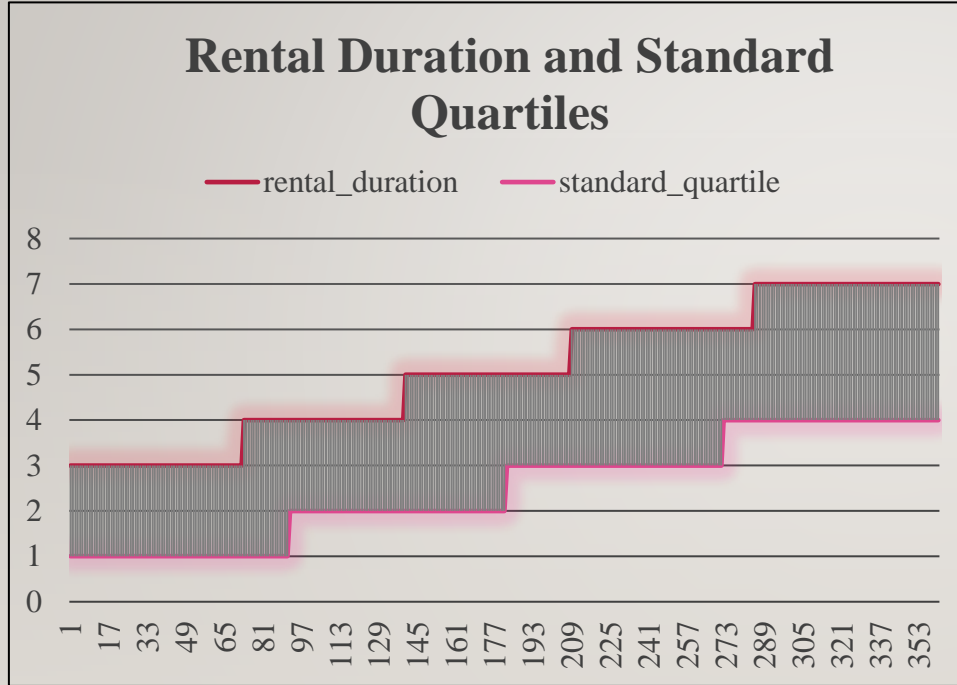
Number of Movies Rented out by Genre In 4th Quartile (by Rental Duration)

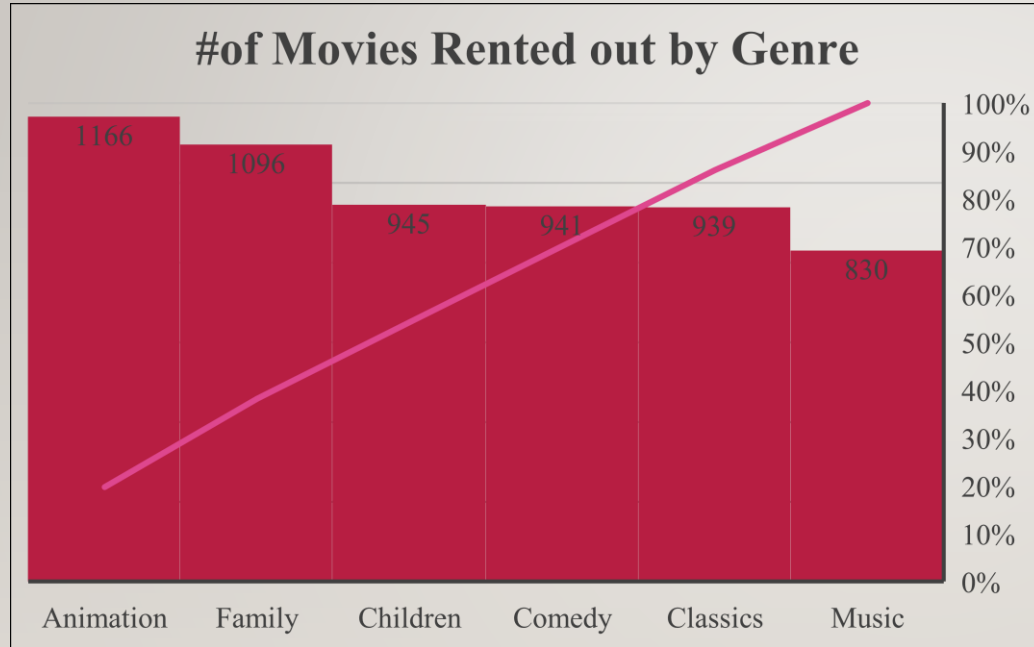|	Animation	Children	Classics	Comedy	Family	Music
Series1	17	14	16	13	17	13

<In the 4th quartile of longest rented out movies, 'Animation' and 'Family' movies were the most popular genre.

2): WHAT IS THE SHORTEST AND LONGEST RENTAL DURATION?

Rental Duration and Standard Quartiles

— rental_duration   — standard_quartile

<Shortest rental duration is three days while the longest is seven days. Also seen from the graph, same rental days can be categorized into either 1st or 2nd quartile. >

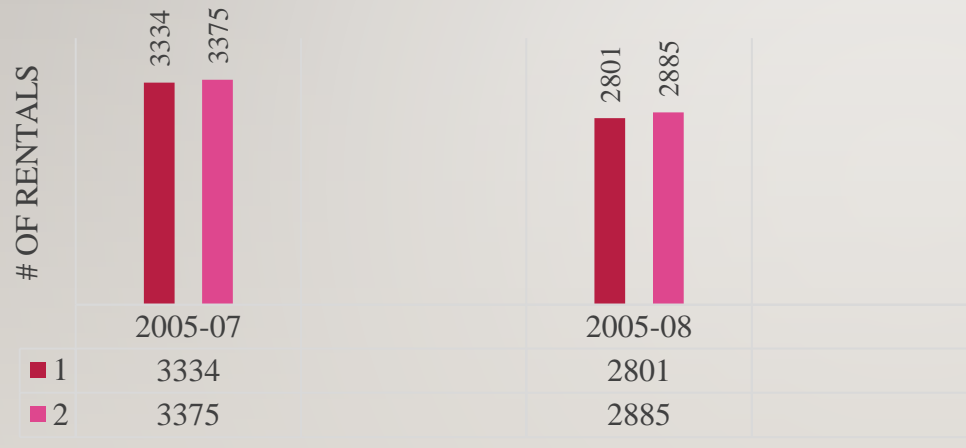# 3): HOW MANY TIMES WERE 'ANIMATION MOVIES' RENTED OUT?

#of Movies Rented out by Genre

Genre	Value
Animation	1166
Family	1096
Children	945
Comedy	941
Classics	939
Music	830

<Animation movies was rented out the most followed by family genre. Music genre was the least rented out category among family movies. >

4): HOW MANY RENTALS DID EACH STORE PROCESS IN JULY AND AUGUST OF 2005?

#OF RENTALS PER STORE IN 2005 JULY AND AUGUST

# OF RENTALS	2005-07	2005-08
■ 1	3334	2801
■ 2	3375	2885

<Both stores performed similar in terms of rentals in both July and August of 2005>

*I couldn't produce the whole data because the Project page was down (It contained 'papers' ERD not 'actors')

→ This data is from what I jotted down earlier while I was doing the project