DATA ANALYSIS



MENU

ANALYSIS

CONTACT



ANALYSIS

SQL



MENU ANALYSIS CONTACT CAPSTONE

OBJECTIVE



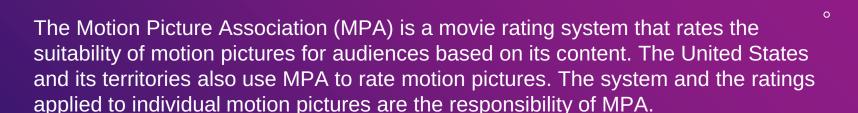
The objective of the project is to use MySQL to analyze the data of the movie rental store for further growth and improved business.





MENU ANALYSIS CONTACT CAPSTONE

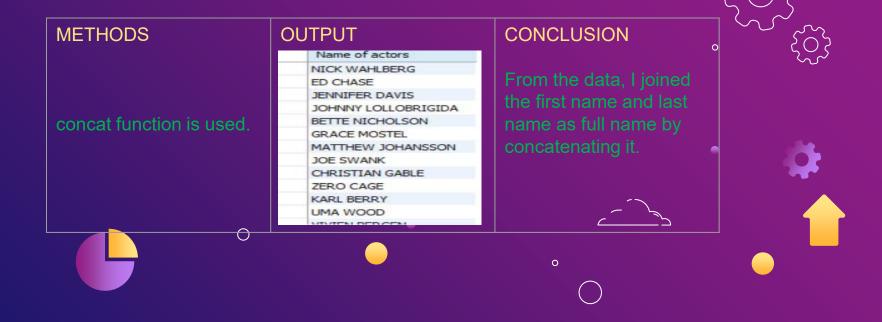
SAKILA MOVIE RENTAL STORE DATA



Sakila is a movie rental store with a vast collection of movies in DVDs and blue ray disc formats. The management wants to analyze the data to understand what kind of movies and actors are often rented. This analysis would help them stock up the inventory of movies to improve their business. This analysis involves a set of tasks to begin with. As an analyst, you are expected to answer the questions put forth by the management



Display the full names of all actors.







Many actors have adopted attractive screen names, mostly at the behest of producers and directors. The management wants to know the following:

- Display the first names of actors in database. a.

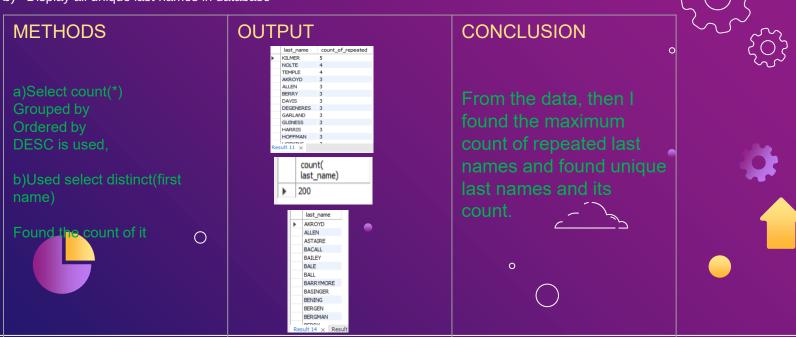






The management is interested to analyze the similarity in the last name of actors.

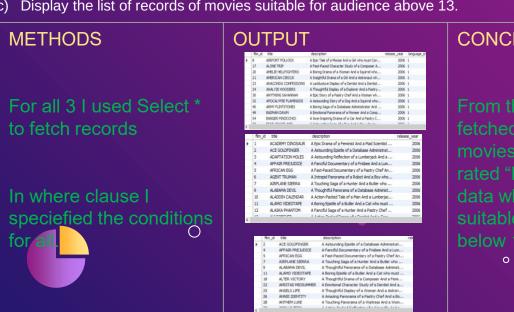
- a) Display the last name of actors along with the count of repeated last names.
- b) Display all unique last names in database



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The Management Wants to analyze the Movies based on rating

- a) Display the list of records of movies with Rating "R".
- Display the list of records of movies with Rating not "R".
- Display the list of records of movies suitable for audience above 13.





data which movies is suitable for age group

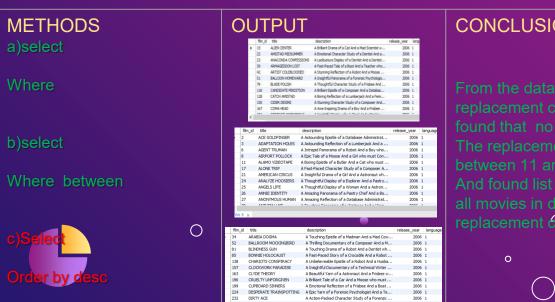






The management wants the data about replacement cost of movies. Replacement cost is the amount of money required to replace an existing asset (DVD/blue ray disc) with an equally valued or similar asset at the current market price.

- a. Display the movie titles where the replacement cost is up to \$11.
- Display the movie titles where replacement cost is between \$11 and \$20.
- Display the list of records of all movies in desc order of replacement costs



CONCLUSION

all movies in desc order of replacement costs









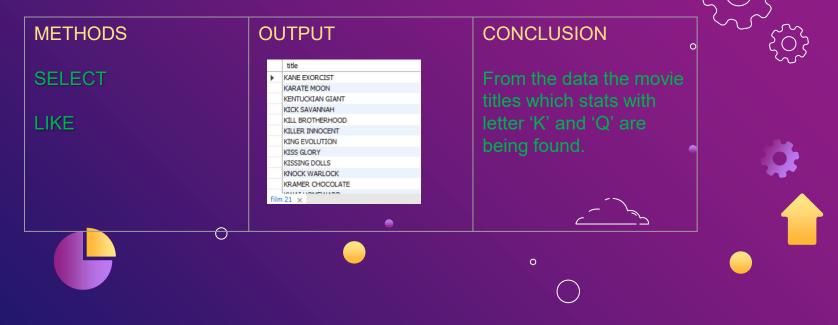


TASK 6

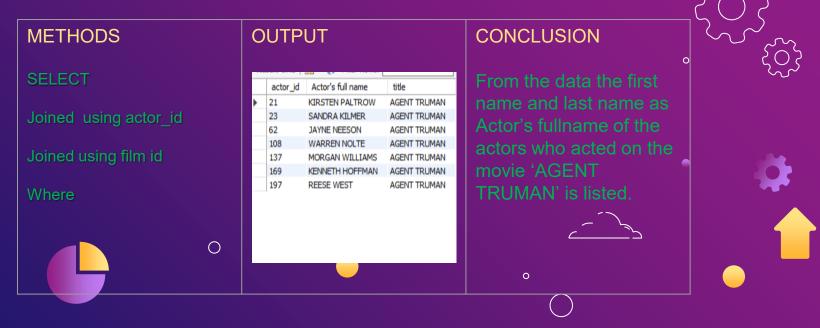
Display the top 3 movies with Greatest number of Actors

METHODS OUTPUT CONCLUSION **SELECT** Number_of_Actors LAMBS CINCINATTI BOONDOCK BALLROOM 13 Result 12 × Order by desc 0

The Music of Queen and Kris Kristofferson has seen an unlikely resurgence. As an unintended consequence, movies starting with the letters "K" and "Q" have also soared in popularity. Display the movie titles starting with the letters "K" and "Q".



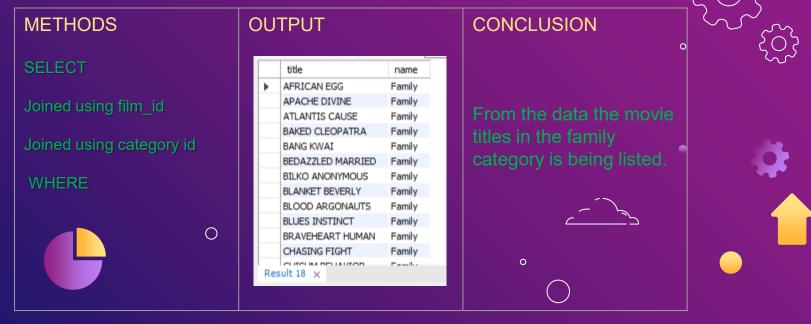
The movie 'AGENT TRUMAN' has been a great success. Display the first name and last name of all actors who are a part of this movie.







Sales has been down among the family audience with kids. The management wants to promote the movies that falls under the 'children' category. Identify and display the names of the movies in the family category.







a) Display the average, maximum and minimum rental rates of movies based on rating.sorted in desc order of avg rental rates

Minimum rental

rate

0.99

0.99

0.99

0.99

0.99

GOODFELLAS SALUTE NETWORK PEAK ROBBERS TOON

b) Display the movies in desc order of rental frequencies

METHODS OUTPUT Maximum rental a)SELECT. Group by b)SELECT Joined on film Id Joined on inventory id Group SCALAWAG DUCK Order in descending.

CONCLUSION

Average_rental_rate

3.051856

3.034843

2.970952

2.938718

2.888876

are listed in descending







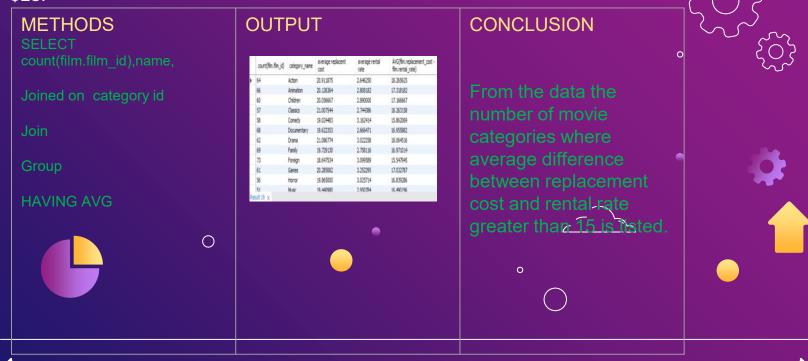
0



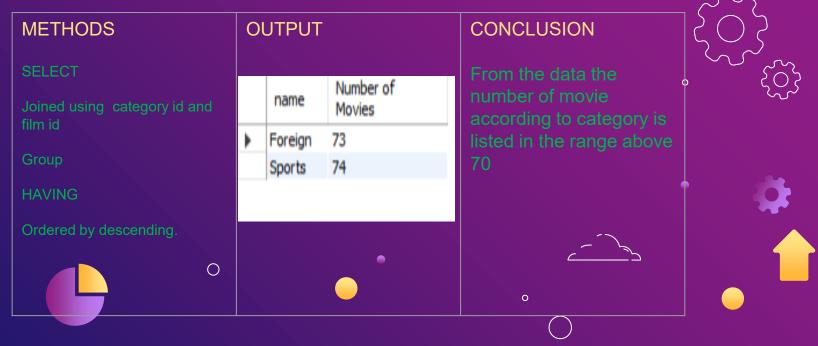




Calculate and display the number of movie categories where the average difference between the movie replacement cost and the rental rate is greater than \$15.



Display the film categories in which the number of movies is greater than 70







THANK YOU













