

**On the Sakila data base from mysql available schemas answer following queries ;**

1. Fetch the list of the first name, last name, and email of each of our customers.
2. Fetch the records of films and see if there are rental durations and how many unique durations are there
3. Fetch records of customers whose first name is Mary.
4. Fetch payment records of the first 100 customers where the amount is greater than 5 and payments that are done after 6th January 2006.
5. Fetch the list of films that include a Behind the Scenes special feature
6. Fetch the count of titles sliced by rental duration.
7. Fetch the count of films, along with the average, min, and max rental rate, grouped by replacement cost
8. Fetch the list of customer\_ids with less than 15 rentals all-time
9. Fetch the list of all film titles along with their lengths and rental rates, and sort them from longest to shortest.
10. list of first and last names of all customers, and label them as either 'store 1 active', 'store 1 inactive', 'store 2 active', or 'store 2 inactive'

Eg : store\_id =1 and active=0 it is "store 1 inactive" and store\_id =1 and active=1 then "store 1 active" and so on....

	first_name	last_name	Active_status
►	MARY	SMITH	store 1 active
	PATRICIA	JOHNSON	store 1 active
	LINDA	WILLIAMS	store 1 active
	BARBARA	JONES	store 2 active
	ELIZABETH	BROWN	store 1 active
	JENNIFER	DAVIS	store 2 active
	MARIA	MILLER	store 1 active
	SUSAN	WILSON	store 2 active
	MARGARET	MOORE	store 2 active

And so on.....

11. Display info dividing the length of the film providing the length.

Eg : Using conditions like if length<60 create bucket 'UNDER 1 HR', if length BETWEEN 60 AND 90 create it as bucket '1 - 1.5' and when length>90 Then 'OVER 1.5 HRS'

Output:

	length	length_bucket
►	86	1 - 1.5 hrs
	48	UNDER 1 HR
	50	UNDER 1 HR
	117	OVER 1.5 HRS
	130	OVER 1.5 HRS
	169	OVER 1.5 HRS
	62	1 - 1.5 hrs
	54	UNDER 1 HR
	114	OVER 1.5 HRS

12. Display a table to count the number of customers broken down by store\_id (in rows), and active status (in columns)

Eg : when active =0 under active column put active else null same for the active 1 column

Output:

	store_id	inactive_count	active_count
►	1	8	318
	2	7	266