

Project description:

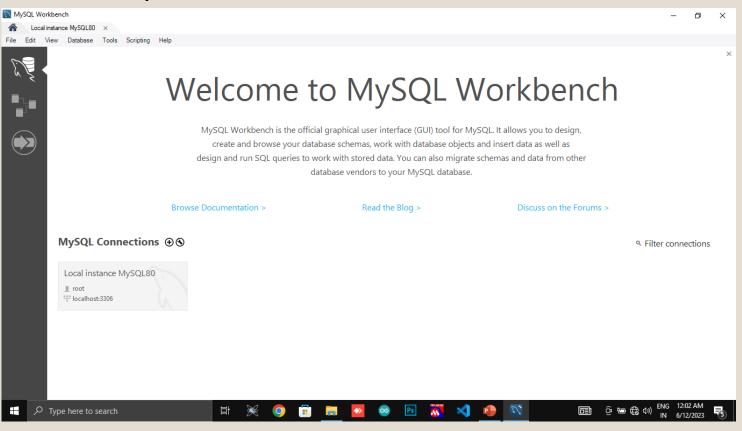
oln this project, we are going to perform some SQL queries from the given database for the given questions regarding marketing details and investor metric details

Approach:

In this project, I am going to access data of multiple table using the concept of "joins" Which is helpful in manipulating columns of different tables and join them together into single table and them with aliases.

Tech stack used:

 For this project I have used "MySQL workbench" to perform the queries.



Insights:

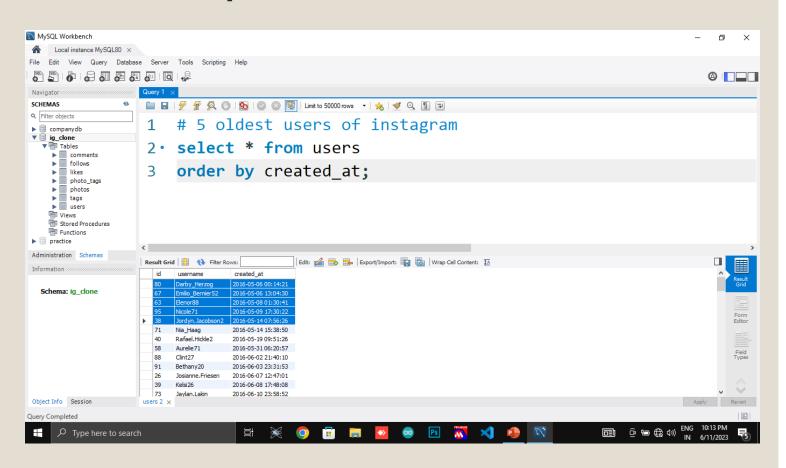
- •Through this project, I gained deep understanding of the given database to perform any queries.
- ol also learned how to perform subqueries and joins in-order to perform queries across the tables.

Result:

•Through this project I have achieved the knowledge of writing some complex queries.

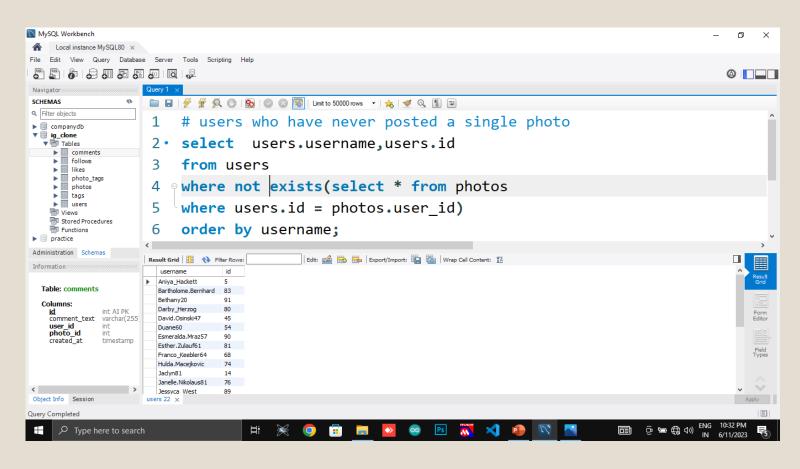
Rewarding most loyal users:

To rewarding the most loyal users
Based on the top five oldest user, I have used "order by" clause for Created_at column to find oldest users.



Remind inactive users to start posting:

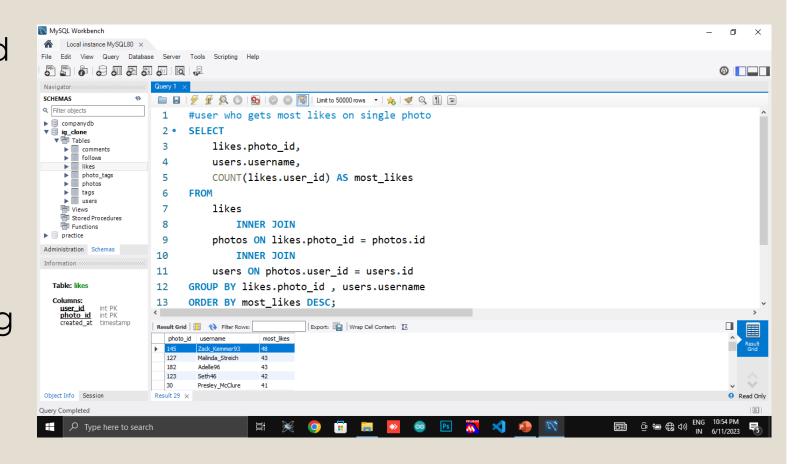
In this I have selected the users Who have never posted a single Photo using a subquery in which I have compared users table And photos table.



Declaring contest winner:

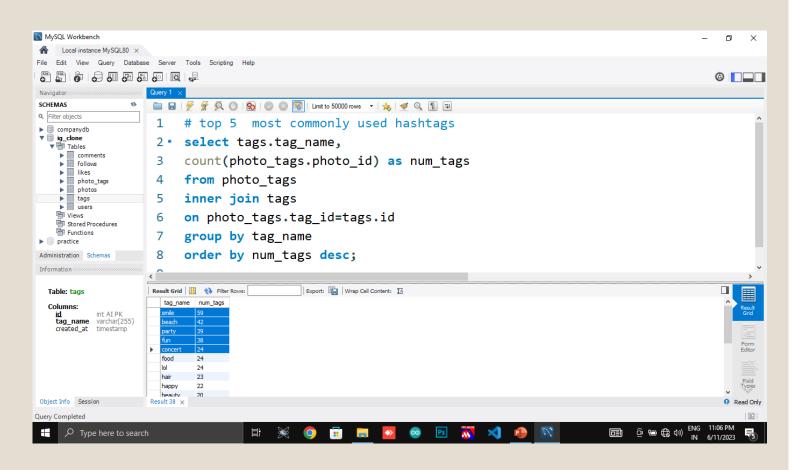
In this, I have selected the contest winner based on most number of likes On single photo, by counting user_id column In likes table.

Followed by joining three different of columns of different tables.



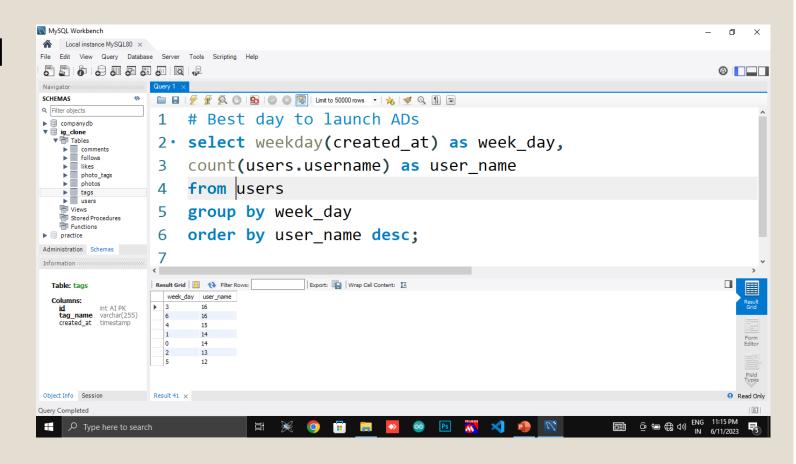
Hashtag researching:

In this, I have found top five most commonly used hashtags by inner joining tags and photo_tags Table and counting the photo_id of photos_tags.



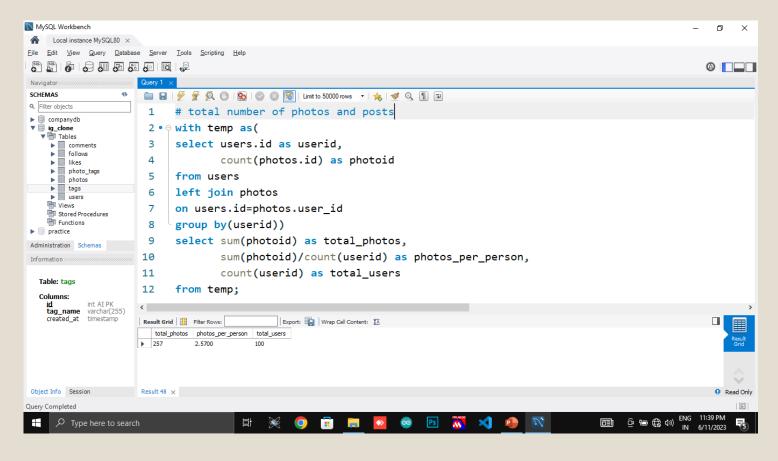
Best day to launch ADs:

In this, I have used weekday() function to find which day users most registered and counting username in users table.



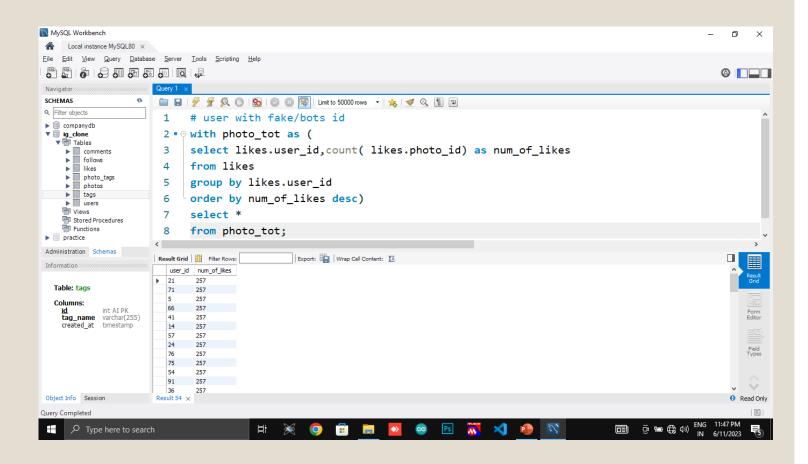
Investor metrics:

In this, I have found how many times does average user posts on instagram by creating a temporary table as "temp" and performing division by Summation of photoid and number of userid.



Bots & fake Accounts:

In this, I have counted total number likes per user_id.



Conclusion:

•In this project, I have used my knowledge based on the learnings which are provided by the trainity.

THANK YOU