Instagram User Analytics

Project Description:

The project is about the user analytics of Instagram. The project is to analyse the best

possible outcomes to some known problems related to marketing and the performance of the

Instagram. The data tables given for the project is users, photos, comments, tags, likes, follow,

photo_tags. MySQL is used to solve the problems.

Approach:

To start with the project first I understood all the problem statement. Tried to find out

what tables will be required to find the best possible result and marked it to use while actual

query writing. The queries should be easy understand. I have written each of the primary and

foreign key for the tables. So, at the time of writing query I have not to check again and again

to get that columns.

Tech-Stack Used:

To solve these problems, I have used MySQL Workbench 8.0 CE. Which is an open

software and can be downloaded from https://www.mysql.com/.

Insights:

The project is extremely helpful to understand basics of MySQL. It helped me to learn

the structure. It also helped me to learn new keywords like dayofweek etc. I have also learned

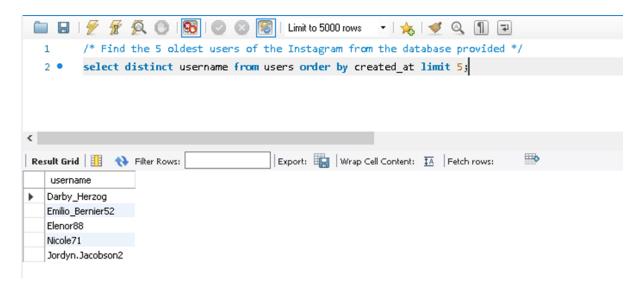
the concept of JOIN, HAVING, WHERE, IN, NOT IN, GROUP BY, ORDER BY, etc. This

project gave me the confidence to work in SQL.

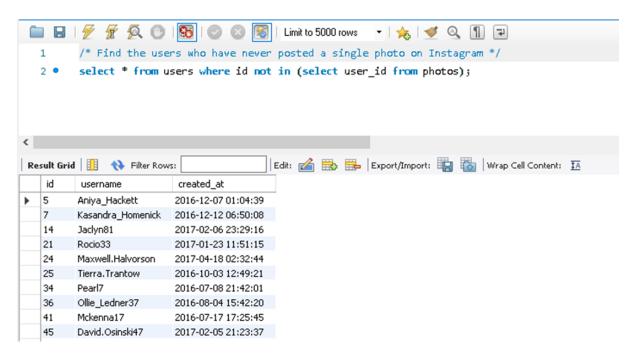
Result:

A) Marketing: The marketing team wants to launch some campaigns. Help them.

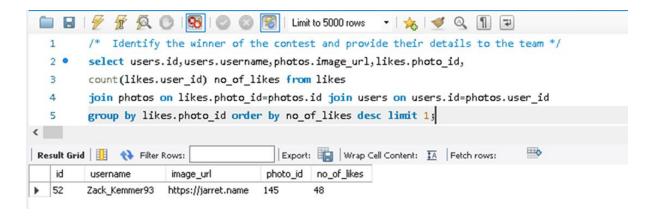
1. Rewarding most loyal users: People who have been using the platform for the longest time.



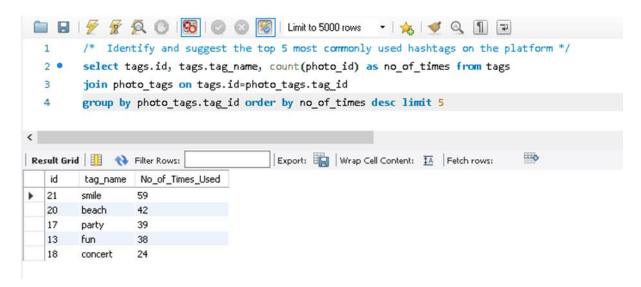
2. Remind Inactive Users to Start Posting: By sending them promotional emails to post their 1st photo.



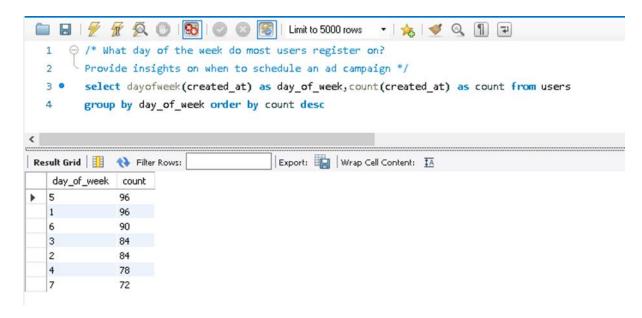
3. Declaring Contest Winner: The team started a contest and the user who gets the most likes on a single photo will win the contest now they wish to declare the winner.



4. Hashtag Researching: A partner brand wants to know, which hashtags to use in the post to reach the most people on the platform.

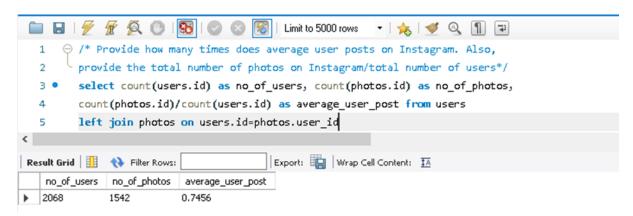


5. Launch AD Campaign: The team wants to know, which day would be the best day to launch ADs.



B) Investor Metrics:

1. User Engagement: Are users still as active and post on Instagram or they are making fewer posts.



2. Bots & Fake Accounts: The investors want to know if the platform is crowded with fake and dummy accounts.

