

PROJECT DESCRIPTION:

I am Anjali Rajput, a data analyst working with the project team at Instagram. Our role involve user analysis which means tracking how user engage with the digital product. The insights derived from these analysis can be by the different teams inside the business. In this project we are using MySQL workbench as a tool to analyse and answer the question posed by the management team.

This project focus on two major factors:

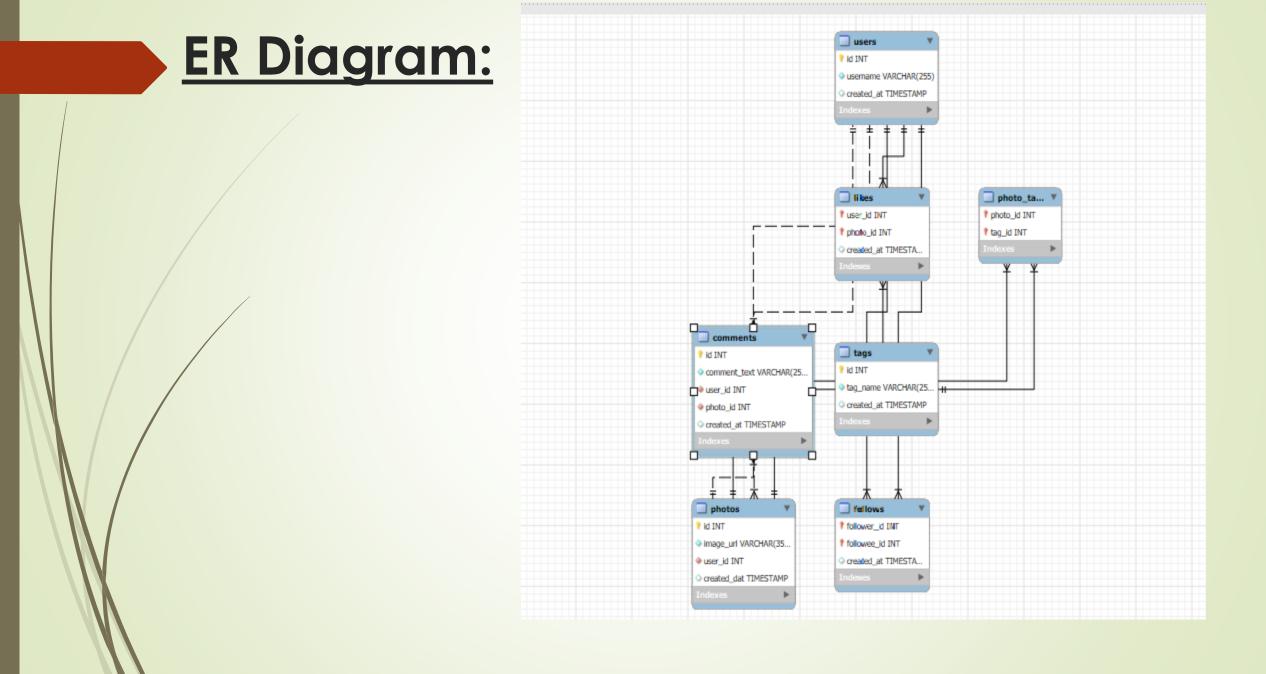
- 1. Marketing Matrix
- 2. Investor Matrix

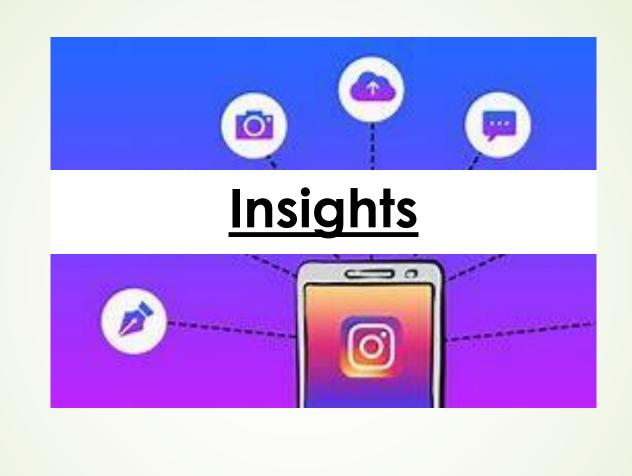
Approach:

- Database is created in MySQL workbench by executing multiple queries.
- The dataset is studied by the help of er diagram.

Tech Stack Used:

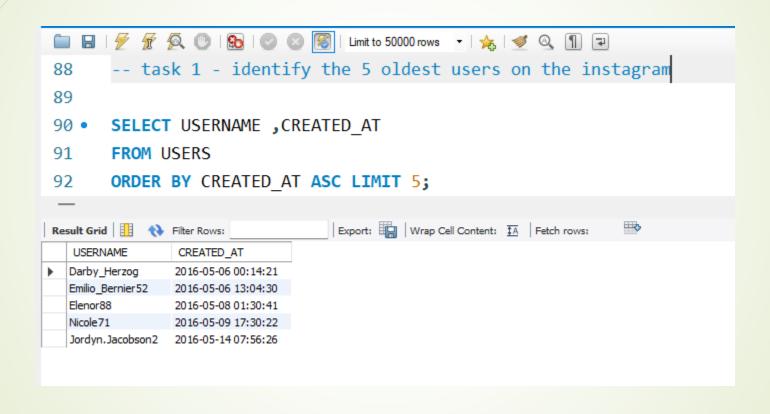
MySQL workbench is used to create database.





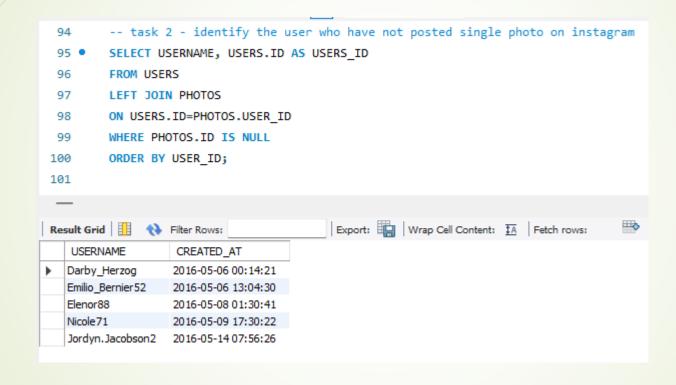
TASK 1- Loyal User Reward:

Here are top 5 most loyal users with their username and registration date.



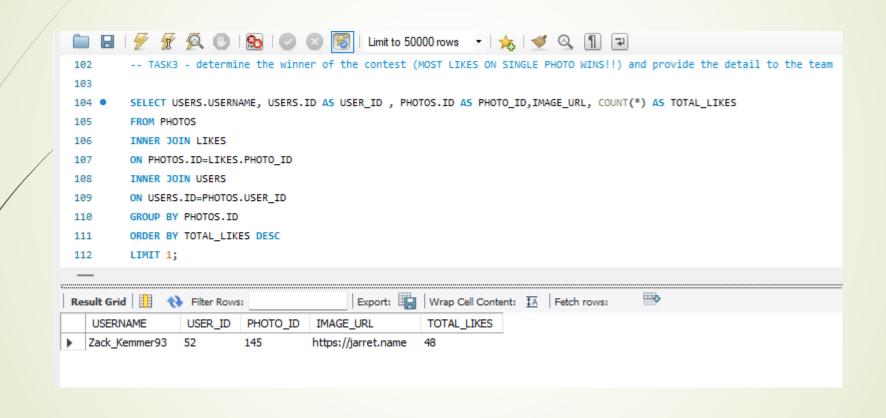
TASK 2 — Inactive User Engagement-

There are only 5 people who have not posted single photo on Instagram.



TASK 3- Contest Winner Declaration-

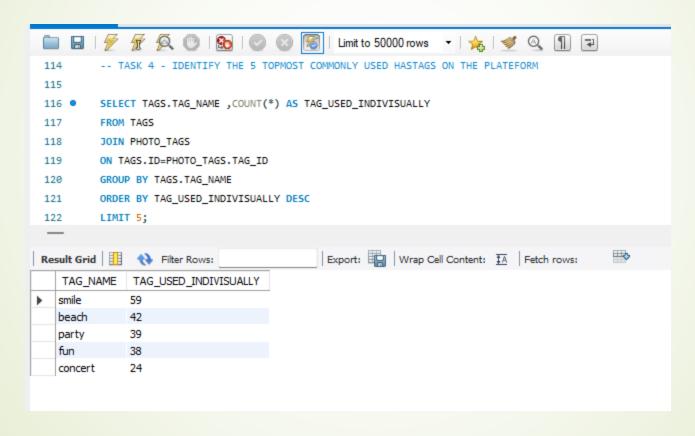
The contest Winner is Zack_Kemmer93 with user ID 52 and photo ID 145 with total of 48 likes.



TASK 4- Hashtag Research:

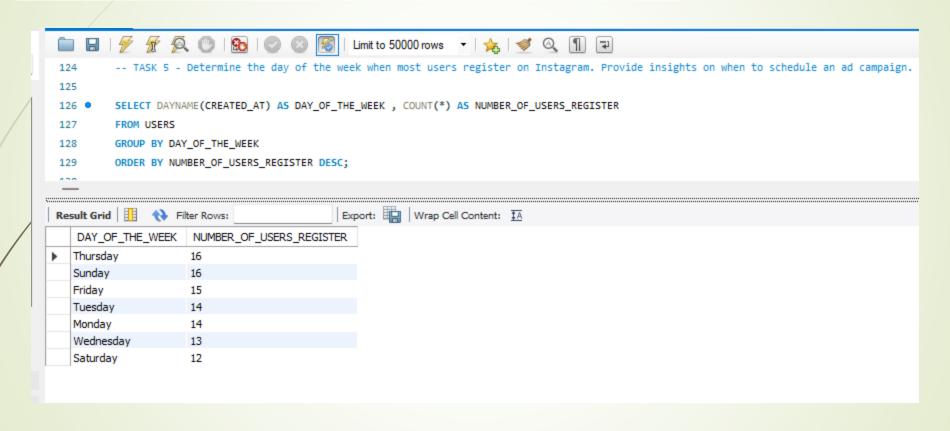
Here is the list of 5 topmost commonly used Hashtags on the platform.

- Smile, -Beach, -Party, -Fun, -Concert



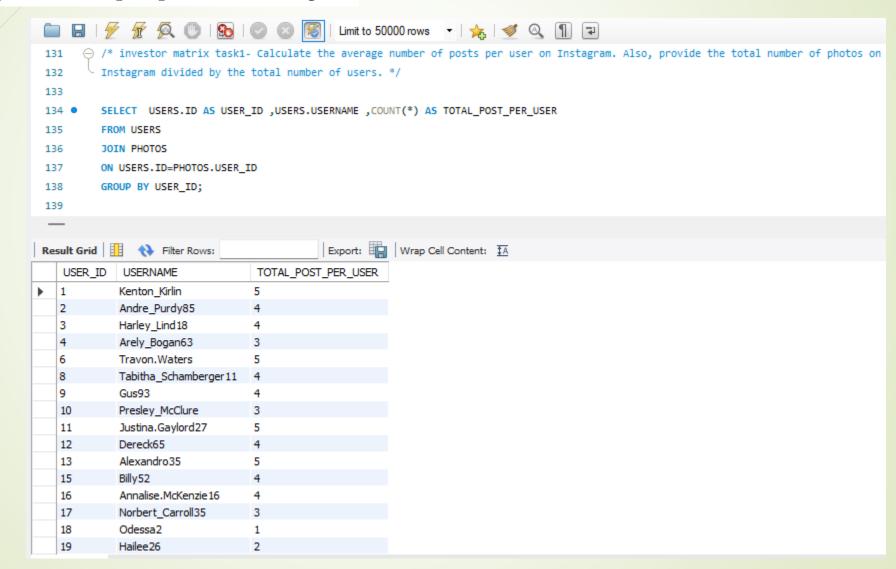
TASK 5- Add Campaign Launch-

Thursday and Saturday are the days of the week when most user registered.



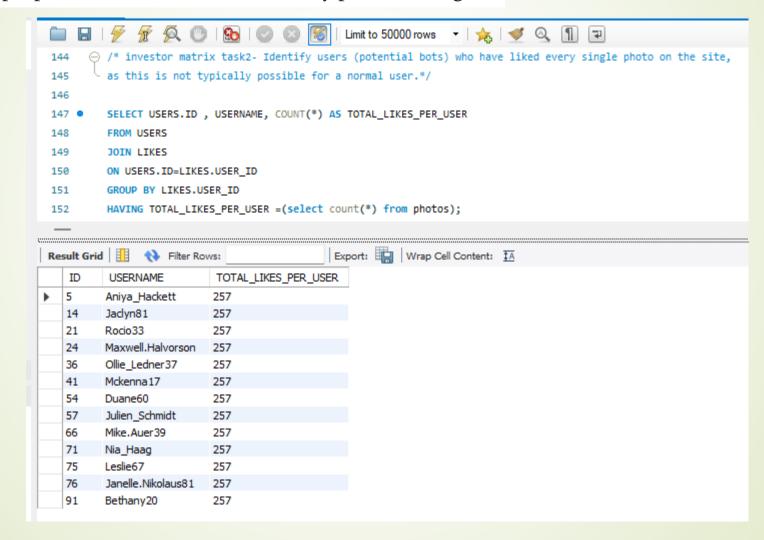
TASK 1- User Engagement:

the average number of post per user on Instagram.



TASK 2- Bots & Fake Accounts:

There are 13 people who have liked each and every post on Instagram.



RESULT:

- > SQL Proficiency: Develop a strong command on SQL queries.
- Data exploration: Navigate complex databases to extract relevant information.
- > Data Mining: Use E-R Diagram for mining data.
- Business Decision Making: I learned about how few insights can have a huge impact on business decision making process.

Also learned how real life business case scenarios are.

THANK YOU!