Project Description

User analysis is the process by which we track how users engage and interact with our digital product in an attempt to derive business insights for marketing, product & development teams.

These insights are then used by teams across the business to launch a new marketing campaign, decide on features to build for an app, track the success of the app by measuring user engagement and improve the experience altogether while helping the business grow.

Approach

The approach to Instagram user analytics typically involves collecting and analyzing data on the user's activity and engagement on the platform.

This includes metrics such as number of followers, post engagement, audience demographics and more.

This information can then be used to better understand the user's audience, identify trends and patterns in their behavior, and inform decisions about content creation and marketing strategies.

Tech-Stack Used

MySQL Workbench-

Version - 8.0.32

MySQL is a popular open-source relational database management system. The purpose of using MySQL is to store, organize, and manage large amounts of data efficiently and effectively.

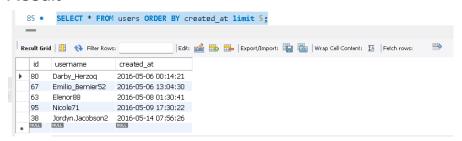
A) Marketing

Insights-

Rewarding Most Loyal Users:

People who have been using the platform for the longest time. We have to find the 5 oldest users of the Instagram from the database provided

Result-



Insights

We have to Remind Inactive Users to Start Posting By sending them promotional emails to post their 1st photo. We have to find the users who have never posted a single photo on Instagram

results-

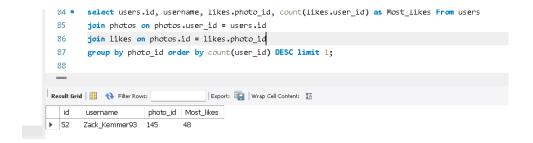


Insights

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.

Identify the winner of the contest and provide their details to the team

Result-



Insights

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

Identify and suggest the top 5 most commonly used hashtags on the platform

results-

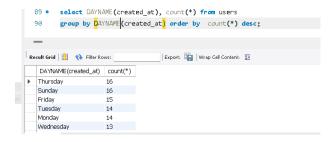
Insights

We have to Launch AD Campaign

The team wants to know, which day would be the best day to launch ADs.

What day of the week do most users register on

results-

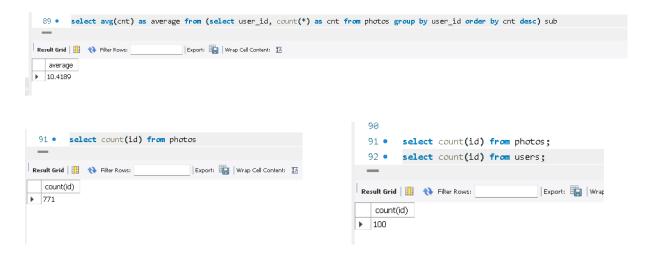


B) Investor Metrics:

Insights

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

Provide how many times does average user posts on Instagram. Also, provide the total number of photos on Instagram/total number of users



Insights

Bots & Fake Accounts-

The investors want to know if the platform is crowded with fake and dummy accounts

Provide data on users (bots) who have liked every single photo on the site.

Results-

