Hello Everyone,

I am excited to share my SQL project titled “Instagram User Analysis”.

Project Description:

User analysis is the process by which we track how users engage and interact with our digital Product (software or mobile application) 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. You are working with the product team of Instagram and the product manager has asked you to provide insights on the questions asked by the management team.

Marketing: The marketing team wants to launch some campaigns, and they need your help with the following.

1.Rewarding Most Loyal Users: People who have been using the platform for the longest time.

My Task: Find the 5 oldest users of the Instagram from the database provided.

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

My Task: Find the users who have never posted a single photo on Instagram.

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

My task: Identify the winner of the contest and provide their details to the team.

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

My task: Identify and suggest the top 5 most commonly used hashtag on the platform.

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

My task: What day of the week do most users register on? Provide Insights on when to schedule an ad campaign.

Investor Metrics: Our investors want to know if Instagram is performing well and is not becoming redundant like Facebook, they want to assess the app on the following grounds.

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

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

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

My task: Provide data on users(bots) who have killed every single photo on the site (since any normal user would not be able to do this.

Table Used:

Comments

Follows

Likes

photo\_tags

photos

tags

users

Software Used: MYSQL Workbench

Skill:SQL