

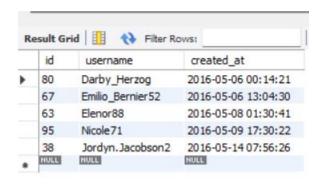
Report & Insights

Task: Identify the five oldest users on Instagram from the provided database.

SQL Query:

select * from users
order by created_at asc
limit 5;

Result:

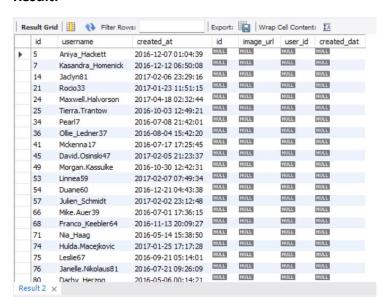


Task: Task: Identify users who have never posted a single photo on Instagram.

SQL Query:

SELECT * FROM users as u LEFT JOIN photos as p ON u.id = p.user_id WHERE p.user_id is null;

Result:

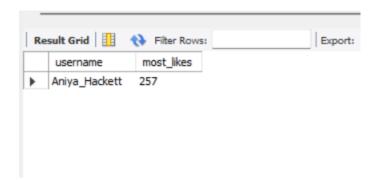


 $\pmb{\mathsf{Task:}} \ \mathsf{Determine} \ \mathsf{the} \ \mathsf{winner} \ \mathsf{of} \ \mathsf{the} \ \mathsf{contest} \ \mathsf{and} \ \mathsf{provide} \ \mathsf{their} \ \mathsf{details} \ \mathsf{to} \ \mathsf{the} \ \mathsf{team}$

SQL Query:

select username, count('id') as most_likes from users right join likes on users.id=likes.user_id group by users.username order by most_likes desc limit 1;

Result:



Task: Identify and suggest the top five most commonly used hashtags on the platform.

SQL Query:

select tag_name, count('id') as most_popular from photo_tags right join tags on tags.id = photo_tags.tag_id group by tags.tag_name order by most_popular desc limit 5;

Result:



Task: Determine the day of the week when most users register on Instagram. Provide insights on when to schedule an ad campaign.

SQL Query:

select date_format(created_at,'%W') as 'Days',count(*) as Registrations from users group by Days order by Registrations desc;

Result:

