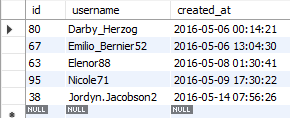
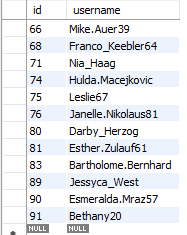
1. **Rewarding Most Loyal Users**

* select \* from users order by created\_at asc limit 5;



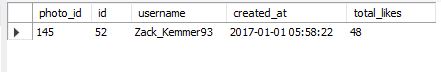
1. **Remind Inactive Users To Start Posting**

* select id,username from users where id not in (select user\_id from photos);

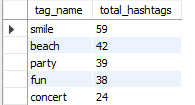
1. **Declaring Contest Winner**

* select photo\_id,d.\*, count(distinct b.user\_id) as total\_likes from likes as b join photos as c on b.photo\_id=c.id join users as d on d.id=c.user\_id group by photo\_id order by total\_likes desc limit 1;

’

1. **Hashtag Researching**

* select tag\_name , count(photo\_id) as total\_hashtags from tags as t join photo\_tags as pt on t.id=pt.tag\_id group by tag\_name order by total\_hashtags desc limit 5;



1. **Launch Ad Campaign**

* select date\_format(created\_at, '%a') AS Day from users Group by date\_format(created\_at, '%a') ORDER By count(date\_format(created\_at, '%a')) DESC LIMIT 1 ;

1. **User Engagement**

* select count(id) as total\_photos,count(distinct user\_id) as total\_users , (count(id)/count(distinct user\_id)) as avg\_user\_posts from photos;



1. **Bot And Fake Accounts**

* select u.\* ,l.user\_id ,count(l.photo\_id) as total\_likes from likes as l left join users as u ON u.id=l.user\_id left join photos as p ON p.id=l.photo\_id group by l.user\_id having (select count(id) from photos) = total\_likes order by total\_likes desc;

