

IG_CLONE

Data_Manupulation



02

Q1. FIND OLDEST 5 USERS?

```
SELECT * FROM users ORDER BY created_at LIMIT 5;
```



Q.2 WHAT DAY OF THE WEEK DO MOST USERS REGISTER ON?

```
SELECT DAYNAME(created_at) AS day, COUNT(*) AS total  
FROM users  
GROUP BY day  
ORDER BY total DESC  
LIMIT 2;
```



Q.3 FIND THE USERS WHO HAVE NEVER POSTED A PHOTO.

```
SELECT username, image_url  
FROM users  
LEFT JOIN photos  
  ON users.id = photos.user_id  
WHERE photos.id IS NULL;
```



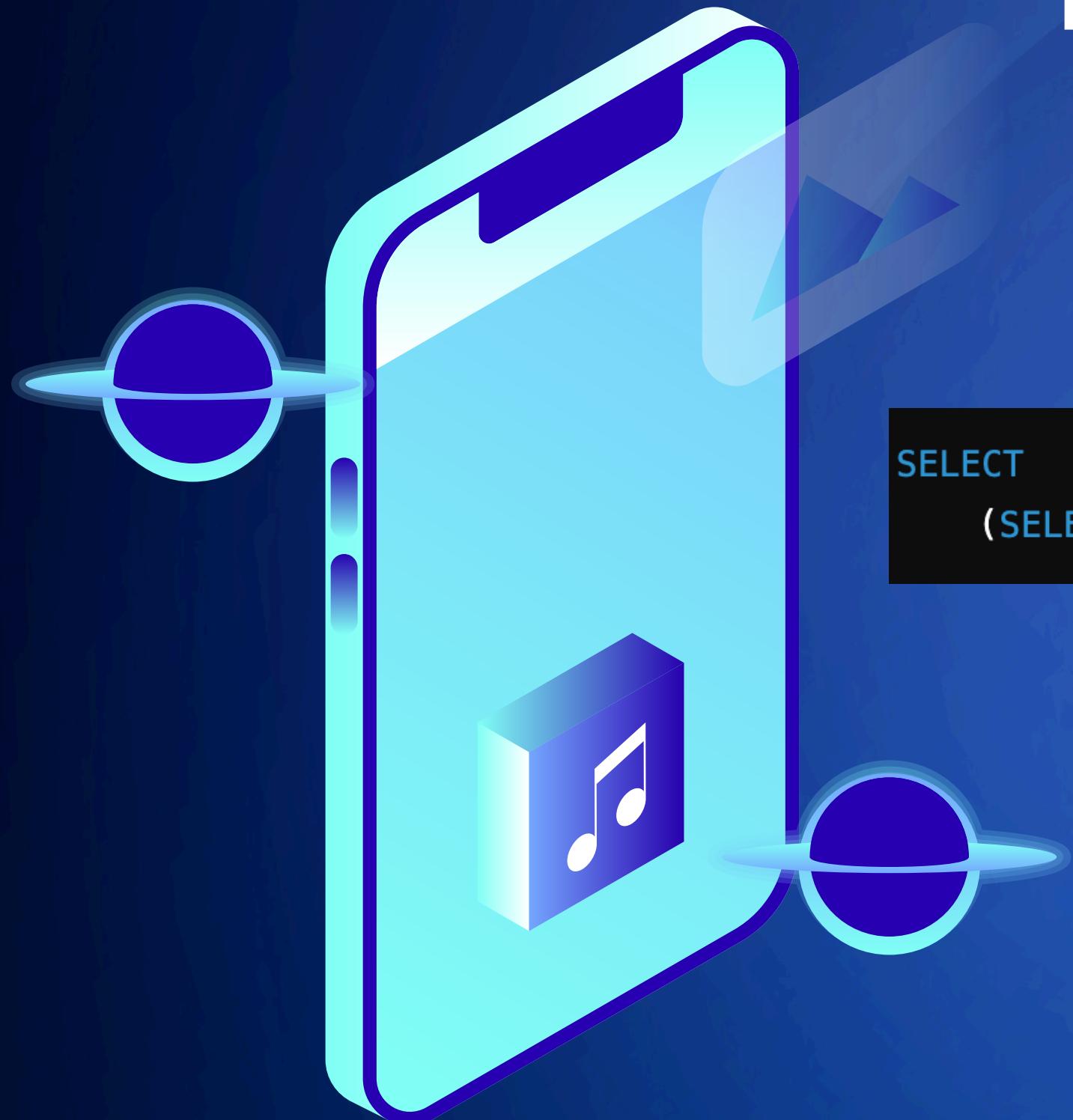
Q.4 FIND WHICH USERS AND PHOTOS GET MOST LIKES.

```
SELECT username, photos.id, photos.image_url, COUNT(*) AS total
FROM photos
INNER JOIN likes ON likes.photo_id = photos.id
INNER JOIN users ON photos.user_id = users.id
GROUP BY photos.id
ORDER BY total DESC
LIMIT 1;
```



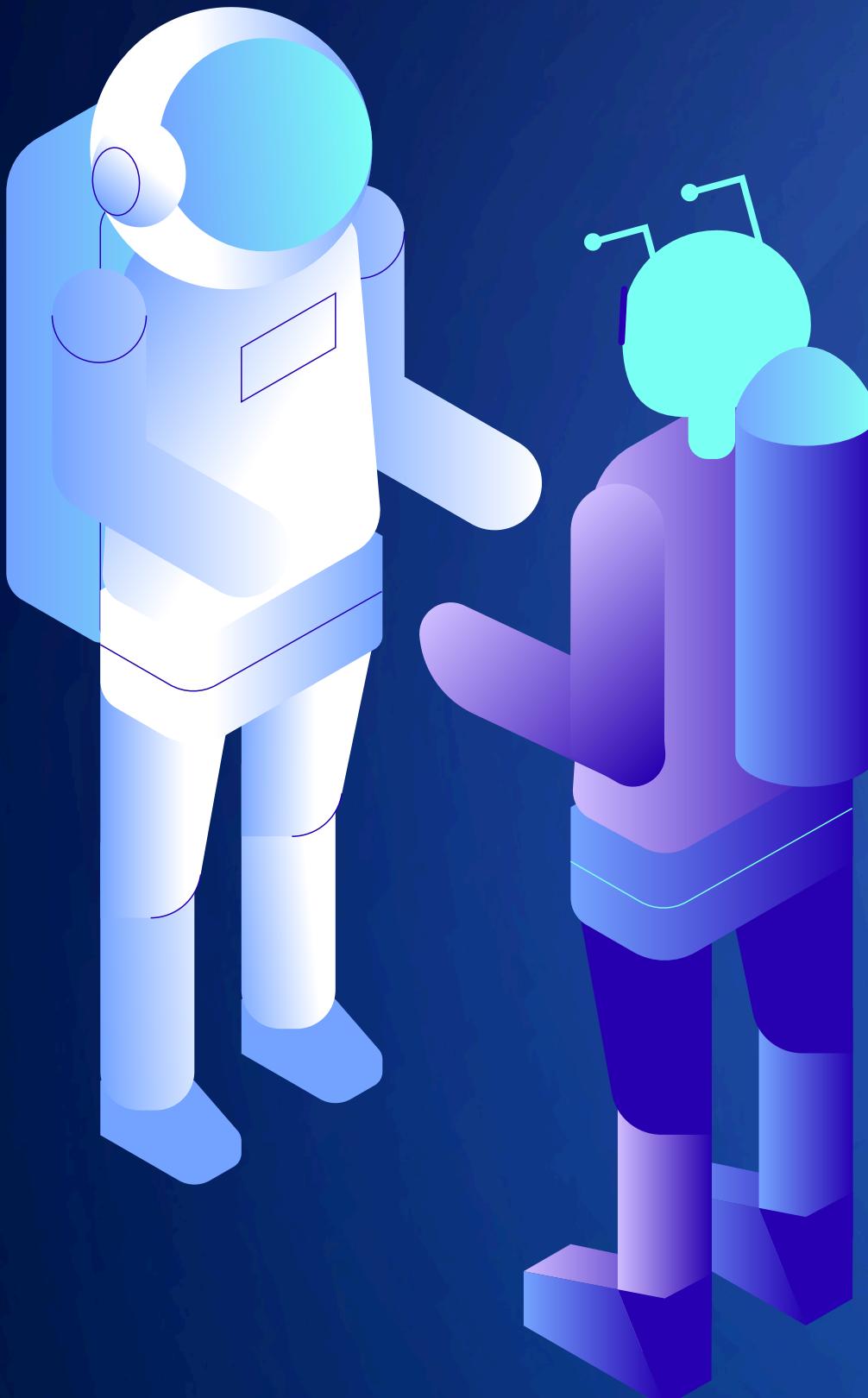
Q.5 HOW MANY TIMES DOES THE AVERAGE USERS POST?

```
SELECT  
    (SELECT Count(*) FROM photos) / (SELECT Count(*) FROM users) AS Avg_Users_post;
```



Q.6. WHAT ARE THE TOP 5 MOST COMMONLY USED HASHTAGS?

```
SELECT tags.tag_name, Count(*) AS total  
FROM photo_tags  
JOIN tags ON photo_tags.tag_id = tags.id  
GROUP BY tags.id  
ORDER BY total DESC  
LIMIT 5;
```



Q.7 FIND THE USERS WHO HAVE LIKED EVERY SINGLE PHOTO ON THE SITE.

```
SELECT username, COUNT(*) AS num_likes  
FROM users  
INNER JOIN likes ON users.id = likes.user_id  
GROUP BY likes.user_id  
HAVING num_likes = (SELECT Count(*) FROM photos);
```

