

Histogram of Tweets

Twitter SQL Interview Question

[Question](#) [Solution](#) [Discussion](#) [Submissions](#)

Accepted

Congrats 🎉 - Share this problem, and your solution, on LinkedIn or Twitter!

In your post, don't forget to tag Nick Singh, so that he can comment on and share your post with his audience of 150k+ followers on [LinkedIn](#) and 25k+ followers on [Twitter](#) (which will give your post and profile more visibility)!

Output

tweet_bucket	users_num
1	2
2	1

Expected

tweet_bucket	users_num
1	2
2	1

TIME	STATUS	YOUR SUBMISSION	RUNTIME

Sourced from
Twitter Difficulty
Easy

Input MySQL

```
1 SELECT
2   tweet_count_per_user AS tweet_bucket,
3   COUNT(user_id) AS users_num
4 FROM (
5   SELECT
6     user_id,
7     COUNT(tweet_id) AS tweet_count_per_user
8   FROM tweets
9   WHERE tweet_date BETWEEN '2022-01-01'
10      AND '2022-12-31'
11  GROUP BY user_id) AS total_tweets
12 GROUP BY tweet_count_per_user;
```

Output

tweet_bucket	users_num
1	2
2	1

Run Code

Submit

Data Science Skills

LinkedIn SQL Interview Question

[Question](#) [Solution](#) [Discussion](#) [Submissions](#)

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Output

candidate_id
123

Expected

candidate_id
123

TIME	STATUS	YOUR SUBMISSION	RUNTIME

07/16/2025 22:53

Solved

Copy To Clipboard

MySQL

Sourced from
LinkedIn Difficulty
Easy

Input MySQL

```
1 SELECT candidate_id
2 FROM candidates
3 WHERE skill IN ('python', 'tableau', 'PostgreSQL')
4 GROUP BY candidate_id
5 HAVING COUNT(DISTINCT skill) = 3
6 ORDER BY candidate_id ASC;
```

Output

candidate_id
123

Run Code

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Page With No Likes

Facebook SQL Interview Question

Question

Solution

Discussion

Submissions

Accepted

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Output

page_id
20701
32728

Expected

page_id
20701
32728

TIME

STATUS

YOUR SUBMISSION

RUNTIME

Sourced from

Facebook

Difficulty

Easy

Input MySQL

```
1 SELECT p.page_id
2 FROM pages p
3 LEFT JOIN page_likes pl ON p.page_id = pl.page_id
4 WHERE pl.page_id IS NULL
5 ORDER BY p.page_id ASC;
```

Output

page_id
20701
32728

Run Code

Submit

Laptop vs. Mobile Viewership

NY Times SQL Interview Question

Question

Solution

Discussion

Submissions

Accepted

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Output

laptop_views	mobile_views
2	3

Expected

laptop_views	mobile_views
2	3

TIME

STATUS

YOUR SUBMISSION

RUNTIME

07/16/2025 22:55

Solved

Copy To Clipboard

MySQL

Sourced from

NY Times

Difficulty

Easy

Input MySQL

```
1 SELECT
2 SUM(CASE WHEN device_type = 'laptop' THEN 1 ELSE 0 END) AS laptop_views,
3 SUM(CASE WHEN device_type IN ('tablet', 'phone') THEN 1 ELSE 0 END) AS mobile_views
4 FROM viewership;
```

Output

laptop_views	mobile_views
2	3

Run Code

Submit

Average Post Hiatus (Part 1)

Facebook SQL Interview Question

Question Solution Discussion Submissions

Accepted

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Output

user_id	days_between
151652	307
661093	206

Expected

user_id	days_between
151652	307
661093	206

TIME STATUS YOUR SUBMISSION RUNTIME

Sourced from Facebook Difficulty Easy

Input MySQL

```
1 SELECT
2   user_id,
3   DATEDIFF(MAX(date(post_date)), MIN(date(post_date))) AS days_between
4 FROM posts
5 WHERE YEAR(post_date) = 2021
6 GROUP BY user_id
7 HAVING COUNT(post_id) > 1;
```

Output

user_id	days_between
151652	307
661093	206

Run Code Submit

Teams Power Users

Microsoft SQL Interview Question

Question Solution Discussion Submissions

Accepted

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Output

sender_id	count_messages
3601	4
2520	3

Expected

sender_id	count_messages
3601	4
2520	3

TIME STATUS YOUR SUBMISSION RUNTIME

Sourced from Microsoft Difficulty Easy

Input PostgreSQL 14

```
1 SELECT
2   sender_id,
3   COUNT(message_id) AS count_messages
4 FROM messages
5 WHERE EXTRACT(MONTH FROM sent_date) = '8'
6 AND EXTRACT(YEAR FROM sent_date) = '2022'
7 GROUP BY sender_id
8 ORDER BY count_messages DESC
9 LIMIT 2;
```

Output

sender_id	count_messages
3601	4
2520	3

Run Code Submit

Pharmacy Analytics (Part 1)

CVS Health SQL Interview Question

Question

Solution

Discussion

Submissions

Accepted

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Output

drug	total_profit
Humira	81515653
Keytruda	11622022
Dupixent	11217052

Expected

drug	total_profit
Humira	81515653
Keytruda	11622022
Dupixent	11217052

Sourced from
CVS HealthDifficulty
Easy

Input MySQL

```
1 SELECT
2   drug,
3   total_sales - cogs AS total_profit
4 FROM pharmacy_sales
5 ORDER BY total_profit DESC
6 LIMIT 3;
```

Output

drug	total_profit
Humira	81515653
Keytruda	11622022
Dupixent	11217052

Run Code

Submit

Pharmacy Analytics (Part 2)

CVS Health SQL Interview Question

Question

Solution

Discussion

Submissions

Accepted

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Output

manufacturer	drug_count	total_loss
Johnson & Johnson	6	894913.13
Eli Lilly	4	447352.90
Biogen	3	417018.89
AbbVie	2	413991.10
Roche	2	159741.62
Bayer	1	28785.28

Expected

manufacturer	drug_count	total_loss
Johnson & Johnson	6	894913.13
Eli Lilly	4	447352.90
Biogen	3	417018.89
AbbVie	2	413991.10
Roche	2	159741.62
Bayer	1	28785.28

Input MySQL

```
1 SELECT
2   manufacturer,
3   COUNT(*) AS drug_count,
4   ROUND(SUM(ABS(total_sales - cogs)), 2) AS total_loss
5 FROM pharmacy_sales
6 WHERE total_sales < cogs
7 GROUP BY manufacturer
8 ORDER BY total_loss DESC;
```

Output

manufacturer	drug_count	total_loss
Johnson & Johnson	6	894913.13
Eli Lilly	4	447352.90
Biogen	3	417018.89
AbbVie	2	413991.10
Roche	2	159741.62
Bayer	1	28785.28

Run Code

Submit

Your Profile

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Laura P.

Problems Solved

★ 9

Easy
8 / 89Medium
1 / 110Hard
0 / 52

9 questions solved in the last year



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