

1. SELECT * FROM users;
SELECT * FROM progress;
2. SELECT email_domain,COUNT(*)
FROM users
WHERE email_domain like '%.edu'
GROUP by 1
ORDER by 2 desc
LIMIT 25;
3. SELECT count(*)
FROM users
WHERE city = 'newyork';
4. SELECT mobile_app,count(*)
FROM users
GROUP by 1;
5. SELECT sign_up_at,
strftime('%S', sign_up_at)
FROM users
GROUP BY 1
LIMIT 20;

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6. SELECT users.email_domain,
COUNT(
CASE
WHEN progress.learn_cpp = 'started' OR progress.learn_cpp = 'completed' THEN
users.user_id
END) AS c_plus_plus,
COUNT(
CASE
WHEN progress.learn_sql = 'completed' OR progress.learn_sql = 'started' THEN
users.user_id
END) AS sql,
COUNT(
CASE
WHEN progress.learn_html = 'completed' OR progress.learn_html = 'started' THEN
users.user_id
END) AS html,
COUNT(
CASE
WHEN progress.learn_javascript = 'started' OR progress.learn_javascript = 'completed'
THEN users.user_id
END) AS javascript,
COUNT(
CASE
WHEN progress.learn_java = 'started' OR progress.learn_java = 'completed' THEN
users.user_id
END) AS java
FROM users
JOIN progress
ON users.user_id = progress.user_id
WHERE city = 'New York'
GROUP BY 1;

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