

## Task 6 : Solve leetcode problems on SQL

User ID : CT\_CSI\_SQ\_3376

Browser tabs: All Mail - aishupati2708@gmail.com, LMS, LeetCode - The World's Leading..., SQL 50 - Study Plan - LeetCode, Recyclable and Low Fat Products

URL: [leetcode.com/problems/recyclable-and-low-fat-products/submissions/1681632163/?envType=study-plan-v2&envId=top-sql-50](https://leetcode.com/problems/recyclable-and-low-fat-products/submissions/1681632163/?envType=study-plan-v2&envId=top-sql-50)

SQL 50 | Submit | Premium

Description | Editorial | Solutions | Accepted | Submissions

All Submissions

Accepted 22 / 22 testcases passed  
Aishwarya Patil submitted at Jun 30, 2025 21:22

Runtime: 602 ms | Beats 18.25%  
Analyze Complexity

Code: MySQL

```
# Write your MySQL query statement below
SELECT product_id
FROM Products
WHERE low_fats='Y' AND recyclable='Y'
```

Testcase | Test Result

Case 1 +

Products =

product_id	low_fats	recyclable
0	Y	N
1	Y	Y
2	N	Y

Browser tabs: All Mail - aishupati2708@gmail.com, LMS, LeetCode - The World's Leading..., SQL 50 - Study Plan - LeetCode, Find Customer Referee - LeetCode

URL: [leetcode.com/problems/find-customer-referee/submissions/1681633011/?envType=study-plan-v2&envId=top-sql-50](https://leetcode.com/problems/find-customer-referee/submissions/1681633011/?envType=study-plan-v2&envId=top-sql-50)

SQL 50 | Submit | Premium

Description | Editorial | Solutions | Accepted | Submissions

All Submissions

Accepted 19 / 19 testcases passed  
Aishwarya Patil submitted at Jun 30, 2025 21:23

Runtime: 536 ms | Beats 20.63%  
Analyze Complexity

Code: MySQL

```
select name
from Customer
where referee_id is NULL or referee_id != 2;
```

Testcase | Test Result

Case 1 +

Customer =

id	name	referee_id
1	Will	null
2	Jane	null
3	Alex	2

Browser tabs: All Mail - aishupati2708@gmail.com, LMS, LeetCode - The World's Leading..., SQL 50 - Study Plan - LeetCode, Big Countries - LeetCode

URL: leetcode.com/problems/big-countries/submissions/1681634722/?envType=study-plan-v2&envId=top-sql-50

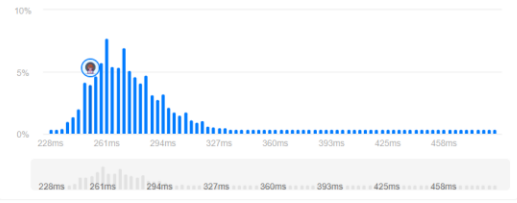
SQL 50 > < > > > Submit

Description | Editorial | Solutions | Accepted x | Submissions

All Submissions

Accepted 6 / 6 testcases passed  
Aishwarya Patil submitted at Jun 30, 2025 21:25

Runtime  
251 ms Beats 91.75%  
Analyze Complexity



Code: MySQL

```
SELECT name, population, area
FROM World
WHERE area >= 3000000 OR population >= 25000000;
```

MySQL Auto

```
1 SELECT name, population, area
2 FROM World
3 WHERE area >= 3000000 OR population >= 25000000;
```

Testcase Test Result

Case 1 +

World =

name	continent	area	population	gdp
Afghanistan	Asia	652230	25500100	20343000000
Albania	Europe	28748	2831741	12960000000
Algeria	Africa	2381741	37100000	188651000000

Browser tabs: All Mail - aishupati2708@gmail.com, LMS, LeetCode - The World's Leading..., SQL 50 - Study Plan - LeetCode, Patients With a Condition - LeetCode

URL: leetcode.com/problems/patients-with-a-condition/submissions/1681635449/?envType=study-plan-v2&envId=top-sql-50

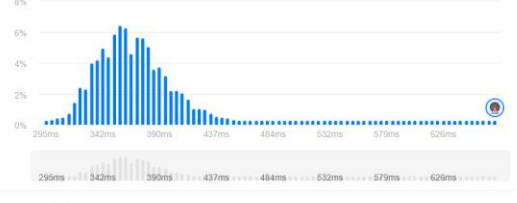
SQL 50 > < > > > Submit

Description | Editorial | Solutions | Accepted x | Submissions

All Submissions

Accepted 15 / 15 testcases passed  
Aishwarya Patil submitted at Jun 30, 2025 21:25

Runtime  
1261 ms Beats 5.01%  
Analyze Complexity



Code: MySQL

```
SELECT patient_id, patient_name, conditions
FROM Patients
WHERE
conditions IS NOT NULL AND
(
conditions = 'DIAB1'
OR conditions LIKE 'DIAB1 %'
OR conditions LIKE '% DIAB1'
OR conditions LIKE '% DIAB1 %'
OR conditions LIKE 'DIAB1%'
OR conditions LIKE '% DIAB1%'
);
```

MySQL Auto

```
1 SELECT patient_id, patient_name, conditions
2 FROM Patients
3 WHERE
4 conditions IS NOT NULL AND
5 (
6 conditions = 'DIAB1'
7 OR conditions LIKE 'DIAB1 %'
8 OR conditions LIKE '% DIAB1'
9 OR conditions LIKE '% DIAB1 %'
10 OR conditions LIKE 'DIAB1%'
11 OR conditions LIKE '% DIAB1%'
12 );
```

Testcase Test Result

Case 1 +

Patients =

patient_id	patient_name	conditions
1	Daniel	YFEV COUGH
2	Alice	
3	Bob	DIAB100 MYOP

Browser tabs: All Mail - aishupati2708@gmail.com, LMS, LeetCode - The World's Leading..., SQL 50 - Study Plan - LeetCode, Delete Duplicate Emails - LeetC...

URL: leetcode.com/problems/delete-duplicate-emails/submissions/1681636025/?envType=study-plan-v2&envId=top-sql-50

SQL 50 < > > > Submit

Description Editorial Solutions Accepted Submissions

All Submissions

Accepted 22 / 22 testcases passed  
Aishwarya Patil submitted at Jun 30, 2025 21:26

Runtime  
1199 ms | Beats: 5.62%  
Analyze Complexity

Code: MySQL

```
DELETE p1 FROM Person p1
JOIN Person p2
ON p1.email = p2.email AND p1.id > p2.id;
```

Testcase

Case 1

id	email
1	john@example.com
2	bob@example.com
3	john@example.com

Browser tabs: All Mail - aishupati2708@gmail.com, LMS, LeetCode - The World's Leading..., SQL 50 - Study Plan - LeetCode, Second Highest Salary - LeetC...

URL: leetcode.com/problems/second-highest-salary/submissions/1681637314/?envType=study-plan-v2&envId=top-sql-50

SQL 50 < > > > Submit

Description Editorial Solutions Accepted Submissions

All Submissions

Accepted 10 / 10 testcases passed  
Aishwarya Patil submitted at Jun 30, 2025 21:27

Runtime  
287 ms | Beats: 38.78%  
Analyze Complexity

Code: MySQL

```
SELECT (
  SELECT DISTINCT salary
  FROM Employee
  ORDER BY salary DESC
  LIMIT 1 OFFSET 1
) AS SecondHighestSalary;
```

Testcase

Case 1 Case 2

id	salary
1	100
2	200
3	300

leetcode.com/problems/group-sold-products-by-the-date/submissions/1681639029/?envType=study-plan-v2&envId=top-sql-50

SQL 50

Description Editorial Solutions Accepted Submissions

All Submissions

Accepted 16 / 16 testcases passed  
Aishwarya Patil submitted at Jun 30, 2025 21:28

Runtime  
467 ms | Beats 42.05%  
[Analyze Complexity](#)

Code: MySQL

```
# Write your MySQL query statement below
SELECT
  sell_date,
  COUNT(*) AS num_sold
```

Code

```
1 # Write your MySQL query statement below
2 SELECT
3   sell_date,
4   COUNT(*) AS num_sold,
5   GROUP_CONCAT(product ORDER BY product SEPARATOR ',') AS products
6 FROM (
7   SELECT DISTINCT sell_date, product
8   FROM Activities
9 ) AS distinct_sales
10 GROUP BY sell_date
11 ORDER BY sell_date;
```

Testcase

Case 1

Activities =

sell_date	product
2020-05-30	Headphone
2020-06-01	Pencil
2020-06-02	Mask

leetcode.com/problems/list-the-products-ordered-in-a-period/submissions/1681639539/?envType=study-plan-v2&envId=top-sql-50

SQL 50

Description Editorial Solutions Accepted Submissions

All Submissions

Accepted 16 / 16 testcases passed  
Aishwarya Patil submitted at Jun 30, 2025 21:29

Runtime  
796 ms | Beats 26.55%  
[Analyze Complexity](#)

Code: MySQL

```
SELECT product_name, SUM(unit) AS unit
FROM Products p
JOIN Orders o ON o.product_id = p.product_id
WHERE order_date BETWEEN '2020-02-01' AND '2020-02-29'
GROUP BY product_name
HAVING SUM(unit) >= 100;
```

Code

```
1 SELECT product_name, SUM(unit) AS unit
2 FROM Products p
3 JOIN Orders o ON o.product_id = p.product_id
4 WHERE order_date BETWEEN '2020-02-01' AND '2020-02-29'
5 GROUP BY product_name
6 HAVING SUM(unit) >= 100;
```

Testcase

Case 1

Products =

product_id	product_name	product_category
1	Leetcode Solutions	Book
2	Jewels of Stringology	Book
3	HP	Laptop

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URL: leetcode.com/problems/find-users-with-valid-e-mails/submissions/1681640651/?envType=study-plan-v2&envId=top-sql-50

SQL 50 < > > > Submit

Description Editorial Solutions Accepted Submissions

All Submissions

Accepted 27 / 27 testcases passed  
Aishwarya Patil submitted at Jun 30, 2025 21:30

Runtime  
643 ms Beats 88.25%  
Analyze Complexity

Code: MySQL

```
SELECT *
FROM Users
WHERE REGEXP_LIKE(mail, '^[a-zA-Z][a-zA-Z0-9-_.]*@leetcode\\.com$', 'c');
```

Testcase

Case 1

user_id	name	mail
1	Winston	winston@leetcode.com
2	Jonathan	jonathanisgreat
3	Annabelle	bella@leetcode.com

Browser tabs: All Mail - aishupati2708@gmail.com, LMS, LeetCode - The World's Leading..., SQL 50 - Study Plan - LeetCode, Article Views I - LeetCode

URL: leetcode.com/problems/article-views-i/submissions/1681641879/?envType=study-plan-v2&envId=top-sql-50

SQL 50 < > > > Submit

Description Editorial Solutions Accepted Submissions

All Submissions

Accepted 13 / 13 testcases passed  
Aishwarya Patil submitted at Jun 30, 2025 21:31

Runtime  
374 ms Beats 95.35%  
Analyze Complexity

Code: MySQL

```
# Write your MySQL query statement below
SELECT DISTINCT author_id as id
FROM Views
WHERE author_id=viewer_id
ORDER BY author_id ASC;
```

Testcase

Case 1

article_id	author_id	viewer_id	view_date
1	3	5	2019-08-01
1	3	6	2019-08-02
2	7	7	2019-08-01