Description | Editorial | Solutions (413) | Submissions

1907. Count Salary Categories

Medium 227 53

Companies

SQL Schema > Pandas Schema >

Table: `Accounts`

```
+-------------+------+
| Column Name | Type |
+-------------+------+
| account_id  | int  |
| income      | int  |
+-------------+------+
account_id is the primary key (column with unique values) for this table.
Each row contains information about the monthly income for one bank account.
```

Write a solution to calculate the number of bank accounts for each salary category. The salary categories are:

- `"Low Salary"`: All the salaries **strictly less** than `$20000`.
- `"Average Salary"`: All the salaries in the **inclusive** range `[$20000, $50000]`.
- `"High Salary"`: All the salaries **strictly greater** than `$50000`.

The result table **must** contain all three categories. If there are no accounts in a category, return `0`.

Return the result table in **any order**.

The result format is in the following example.

Example 1:

Input:
Accounts table:

```
+------------+--------+
| account_id | income |
+------------+--------+
| 3          | 108939 |
| 2          | 12747  |
| 8          | 87709  |
| 6          | 91796  |
+------------+--------+
```

Output:

```
+----------------+----------------+
| category       | accounts_count |
+----------------+----------------+
| Low Salary     | 1              |
| Average Salary | 0              |
| High Salary    | 3              |
+----------------+----------------+
```

Explanation:
Low Salary: Account 2.
Average Salary: No accounts.
High Salary: Accounts 3, 6, and 8.

Accepted 29K | Submissions 51K | Acceptance Rate 56.8%

Seen this question in a real interview before? 1/4

Yes No

Discussion (22)

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```mysql
# Write your MySQL query statement below
SELECT
  'Low Salary' AS category
  , COUNT(account_id) AS accounts_count
FROM Accounts
WHERE income < 20000
UNION
SELECT
  'Average Salary' AS category
  , COUNT(account_id) AS accounts_count
FROM Accounts
WHERE income BETWEEN 20000 AND 50000
UNION
SELECT
  'High Salary' AS category
  , COUNT(account_id) AS accounts_count
FROM Accounts
WHERE income > 50000
```

Ln 18, Col 15

Console | Run | Submit