

# Problem 1565: Unique Orders and Customers Per Month

## Problem Information

**Difficulty:** Easy

**Acceptance Rate:** 81.98%

**Paid Only:** Yes

**Tags:** Database

## Problem Description

Table: `Orders`

+-----+-----+ | Column Name | Type | +-----+-----+ | order\_id | int ||  
order\_date | date || customer\_id | int || invoice | int | +-----+-----+ order\_id is the  
column with unique values for this table. This table contains information about the orders  
made by customer\_id.

Write a solution to find the number of \*\*unique orders\*\* and the number of \*\*unique  
customers\*\* with invoices \*\*> \$20\*\* for each \*\*different month\*\*.

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

The result format is in the following example.

**Example 1:**

**Input:** Orders table: +-----+-----+-----+ | order\_id | order\_date |  
customer\_id | invoice | +-----+-----+-----+ | 1 | 2020-09-15 | 1 | 30 || 2  
| 2020-09-17 | 2 | 90 || 3 | 2020-10-06 | 3 | 20 || 4 | 2020-10-20 | 3 | 21 || 5 | 2020-11-10 | 1 |  
10 || 6 | 2020-11-21 | 2 | 15 || 7 | 2020-12-01 | 4 | 55 || 8 | 2020-12-03 | 4 | 77 || 9 |  
2021-01-07 | 3 | 31 || 10 | 2021-01-15 | 2 | 20 | +-----+-----+-----+  
**Output:** +-----+-----+-----+ | month | order\_count | customer\_count |  
+-----+-----+-----+ | 2020-09 | 2 | 2 || 2020-10 | 1 | 1 || 2020-12 | 2 | 1 ||  
2021-01 | 1 | 1 | +-----+-----+-----+ **Explanation:** In September 2020 we  
have two orders from 2 different customers with invoices > \$20. In October 2020 we have two

orders from 1 customer, and only one of the two orders has invoice > \$20. In November 2020 we have two orders from 2 different customers but invoices < \$20, so we don't include that month. In December 2020 we have two orders from 1 customer both with invoices > \$20. In January 2021 we have two orders from 2 different customers, but only one of them with invoice > \$20.

## Code Snippets

### MySQL:

```
# Write your MySQL query statement below
```

### MS SQL Server:

```
/* Write your T-SQL query statement below */
```

### PostgreSQL:

```
-- Write your PostgreSQL query statement below
```