

# 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
```