2686. Immediate Food Delivery III

Description

Table: `Delivery`

```
+-----------------------------+---------+
| Column Name                 | Type    |
+-----------------------------+---------+
| delivery_id                 | int     |
| customer_id                 | int     |
| order_date                  | date    |
| customer_pref_delivery_date | date    |
+-----------------------------+---------+
delivery_id is the column with unique values of this table.
Each row contains information about food delivery to a customer that makes an order at some date and specifies a preferred delivery date (on the
order date or after it).
```

If the customer's preferred delivery date is the same as the order date, then the order is called **immediate,** otherwise, it is **scheduled** .

Write a solution to find the percentage of immediate orders on each unique `order_date` , **rounded to 2 decimal places** .

Return *the result table ordered by* `order_date` *in* *ascending* *order.*

The result format is in the following example.

Example 1:

```
Input:
Delivery table:
+-------------+-------------+------------+-----------------------------+
| delivery_id | customer_id | order_date | customer_pref_delivery_date |
+-------------+-------------+------------+-----------------------------+
| 1           | 1           | 2019-08-01 | 2019-08-02                  |
| 2           | 2           | 2019-08-01 | 2019-08-01                  |
| 3           | 1           | 2019-08-01 | 2019-08-01                  |
| 4           | 3           | 2019-08-02 | 2019-08-13                  |
| 5           | 3           | 2019-08-02 | 2019-08-02                  |
| 6           | 2           | 2019-08-02 | 2019-08-02                  |
| 7           | 4           | 2019-08-03 | 2019-08-03                  |
| 8           | 1           | 2019-08-03 | 2019-08-03                  |
| 9           | 5           | 2019-08-04 | 2019-08-08                  |
| 10          | 2           | 2019-08-04 | 2019-08-18                  |
+-------------+-------------+------------+-----------------------------+

Output:
+------------+---------------------+
| order_date | immediate_percentage |
+------------+---------------------+
| 2019-08-01 | 66.67               |
| 2019-08-02 | 66.67               |
| 2019-08-03 | 100.00              |
| 2019-08-04 | 0.00                |
+------------+---------------------+

Explanation:
- On 2019-08-01 there were three orders, out of those, two were immediate and one was scheduled. So, immediate percentage for that date was 66.67.
- On 2019-08-02 there were three orders, out of those, two were immediate and one was scheduled. So, immediate percentage for that date was 66.67.
- On 2019-08-03 there were two orders, both were immediate. So, the immediate percentage for that date was 100.00.
- On 2019-08-04 there were two orders, both were scheduled. So, the immediate percentage for that date was 0.00.
order_date is sorted in ascending order.
```