2686. Immediate Food Delivery III Premium

Medium Topics

SQL Schema > Pandas Schema >

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.

Seen this question in a real interview before? 1/5

Yes No

Accepted **3.7K** | Submissions **5.5K** | Acceptance Rate **68.2%**

Topics

Database

Discussion (2)

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