

# Problem 1174: Immediate Food Delivery II

## Problem Information

**Difficulty:** Medium

**Acceptance Rate:** 55.27%

**Paid Only:** No

**Tags:** Database

## Problem 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 of unique values of this table. The  
table holds information about food delivery to customers that make orders at some date and  
specify a preferred delivery date (on the same 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 called \*\*scheduled\*\*.

The \*\*first order\*\* of a customer is the order with the earliest order date that the customer  
made. It is guaranteed that a customer has precisely one first order.

Write a solution to find the percentage of immediate orders in the first orders of all customers,  
\*\*rounded to 2 decimal places\*\*.

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 | 2019-08-02 | 2019-08-02 | | 3 | 1 | 2019-08-11 | 2019-08-12 | | 4 | 3 | 2019-08-24 |  
2019-08-24 | | 5 | 3 | 2019-08-21 | 2019-08-22 | | 6 | 2 | 2019-08-11 | 2019-08-13 | | 7 | 4 |

```

2019-08-09 | 2019-08-09 | +-----+-----+-----+-----+
**Output:** +-----+ | immediate_percentage | +-----+ | 50.00 |
+-----+ **Explanation:** The customer id 1 has a first order with delivery id 1 and
it is scheduled. The customer id 2 has a first order with delivery id 2 and it is immediate. The
customer id 3 has a first order with delivery id 5 and it is scheduled. The customer id 4 has a
first order with delivery id 7 and it is immediate. Hence, half the customers have immediate
first orders.

```

## 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
```