## 1364. Number of Trusted Contacts of a Customer Personnel Medium ♥ Topics 🗓 Companies SQL Schema > Pandas Schema > Table: Customers Column Name

customer\_id | customer\_name | varchar email varchar

customer\_id is the column of unique values for this table.

Each row of this table contains the name and the email of a customer of an online shop.

#### Table: Contacts

Column Name	Type
user_id	id
contact_name	varchar
contact_email	varchar

(user\_id, contact\_email) is the primary key (combination of columns with unique values) for this table.

Each row of this table contains the name and email of one contact of customer with user\_id. This table contains information about people each customer trust. The contact may or may not exist in the Customers table.

Table: Invoices

# Column Name | Type

invoice\_id int price int user\_id int

invoice\_id is the column of unique values for this table.

Each row of this table indicates that user\_id has an invoice with invoice\_id and a price.

Write a solution to find the following for each <code>invoice\_id</code>:

- customer\_name: The name of the customer the invoice is related to.
- price: The price of the invoice.
- contacts\_cnt: The number of contacts related to the customer.
- trusted\_contacts\_cnt: The number of contacts related to the customer and at the same time they are customers to the shop. (i.e their email exists in the Customers table.)

Return the result table **ordered** by <code>invoice\_id</code>.

The result format is in the following example.

#### Example 1:

Input:	
Customers	table:

4			
į	customer_id	customer_name	email
i	1	Alice	alice@leetcode.com
i	2	Bob	bob@leetcode.com
İ	13	John	john@leetcode.com
Ī	6	Alex	alex@leetcode.com

#### Contacts table:

user id	contact name	contact email
1	Bob	bob@leetcode.com
1	John	john@leetcode.com
1	Jal	jal@leetcode.com
2	Omar	omar@leetcode.com
2	Meir	meir@leetcode.com
6	Alice	alice@leetcode.com

#### Invoices table:

price	user_id
100	1
200	1
300	2
400	2
500	13
60	6
	100   200   300   400   500

#### Output:

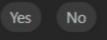
invoice_id	customer_name	price	contacts_cnt	trusted_contacts_cnt
44	Alex	60	1	1
55	John	500	0	0
66	Bob	400	2	0
77	Alice	100	3	2
88	Alice	200	3	2
99	Bob	300	2	0

### Explanation:

Alice has three contacts, two of them are trusted contacts (Bob and John). Bob has two contacts, none of them is a trusted contact. Alex has one contact and it is a trusted contact (Alice).

John doesn't have any contacts.

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



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Discussion (9)

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