

Scenario Based Interview Question #4

# POWER BI INTERVIEW QUESTIONS

Note:- Asked In Service Based Company



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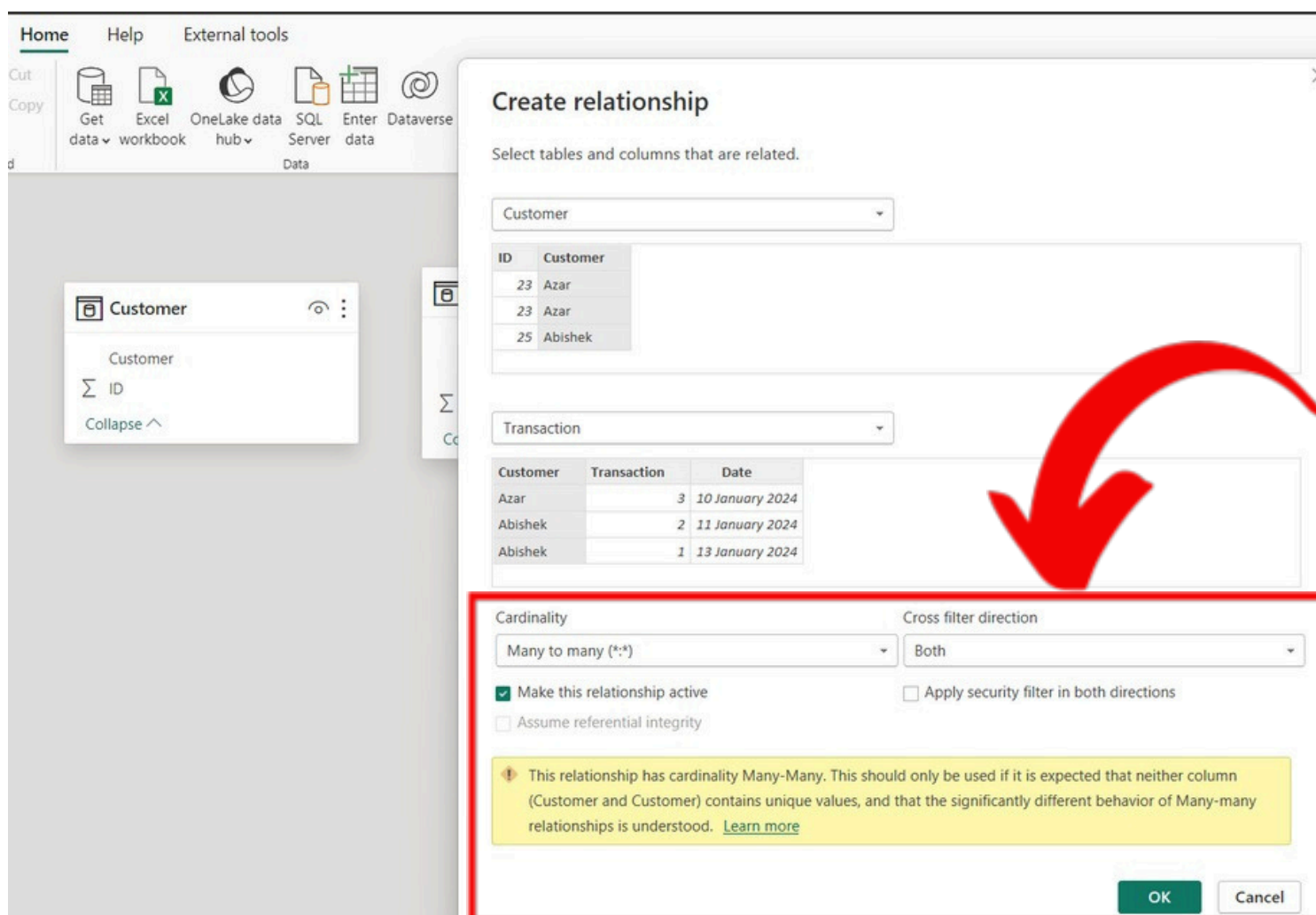
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# SCENARIO-BASED QUESTION?

If you have two tables those two tables are connected to each other with **Many-To-Many** relationship.

What will be your approach to resolve it weather you will go for many to many relationship or not?



How to  
Resolve it?

# EXAMPLE DATA

The example data for resolve **Many-To-Many** relationship. Customer table and Transaction tables

ID	Customer
23	Azar
23	Azar
25	Abishek
26	Ankur
26	Ankur
24	Munna

Customer  
Table

Customer	Transaction	Date
Azar	3	10 January 2024
Abishek	2	11 January 2024
Abishek	1	13 January 2024
Munna	2	08 January 2024
Ankur	4	06 January 2024

Transaction  
Table

# STEP1

We can resolve this issue by creating Bridge table.

1. Duplicate any one of the table in this example

**“Customer Table”**.

2. Select the similar column which is in both tables in this example **“Customer”** column.

3. Remove the duplicates form the column.

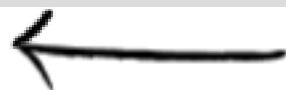
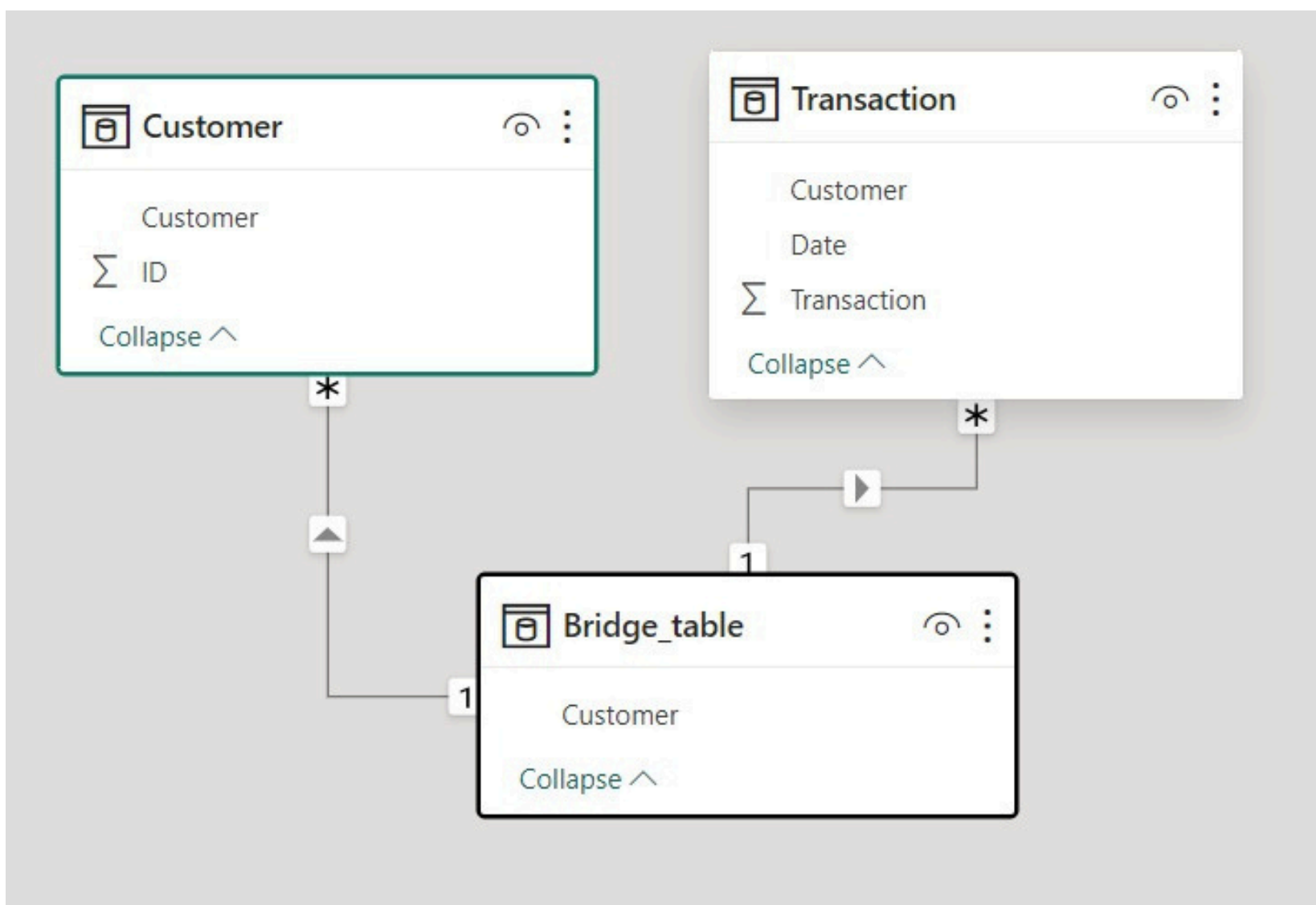
4. Change the name of the table to **“Bridge\_Table”**.

	Customer
1	Azar
2	Abishek
3	Ankur
4	Munna

Query Settings	
<b>PROPERTIES</b>	
Name	Bridge_table
<a href="#">All Properties</a>	
<b>APPLIED STEPS</b>	
Source	
Navigation	
Promoted Headers	
Changed Type	
Removed Columns	
✕ Removed Duplicates	

# OUTPUT

The Many-To-Many relationship issue has been solved.



# WHY USE A BRIDGE TABLE?

## 1. **Simplifying Relationships:**

The bridge table acts as an intermediary, simplifying the relationships between tables.

Each relationship becomes a one-to-many relationship, making it easier to manage and analyze data.

## 2. **Enhanced Performance:**

Using a bridge table can improve query and report performance compared to handling many-to-many relationships directly.

## 3. **Clearer Data Model:**

The data model becomes clearer and more intuitive. Users can understand the relationships between tables without the complexity of many-to-many connections.



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