# POWER-BI SCENARIO BASED QUESTIONS

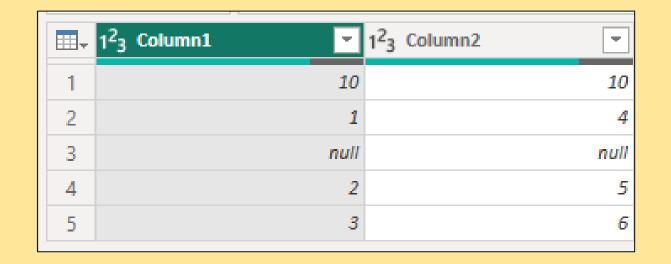
#### **QUESTION 23 & 24**

- Joins in Power-BI
- Deloitte Question

- MAYURI .D.

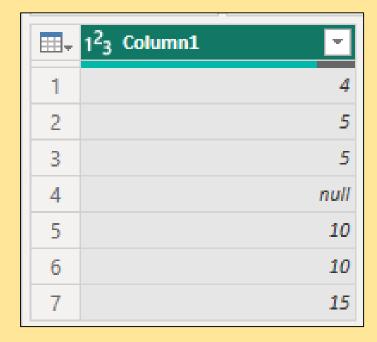
#### **QUESTION 23** Different types of joins in Power-bi

#### **SAMPLE TABLES**

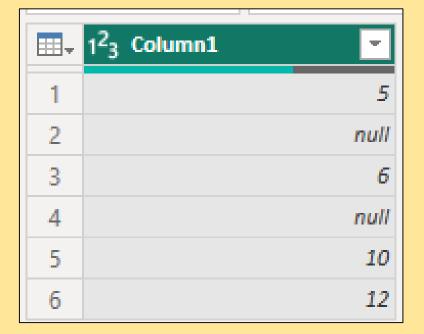


Null verify table

#### Left table



#### right table

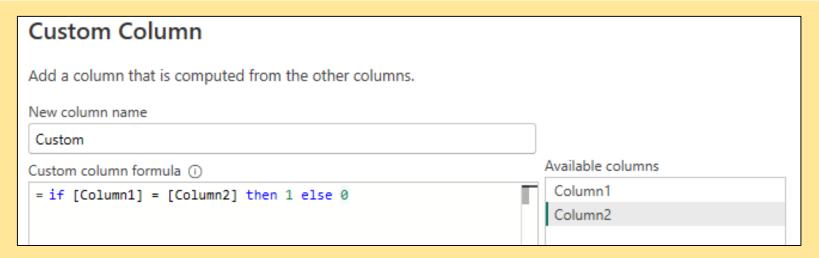


What is null in Power-BI?

Null or Blank in SQL is **not same** as in Power-bi.

If any dataset in power query editor has blank value, power query displays it as null rather than blank.

Generally null != null whereas in Power-BI null = null



<b>□</b> ,	1 <sup>2</sup> <sub>3</sub> Column1	1 <sup>2</sup> <sub>3</sub> Column2	ABC 123 Custom
1	10	10	1
2	1	4	0
3	null	null	1
4	2	5	0
5	3	6	0

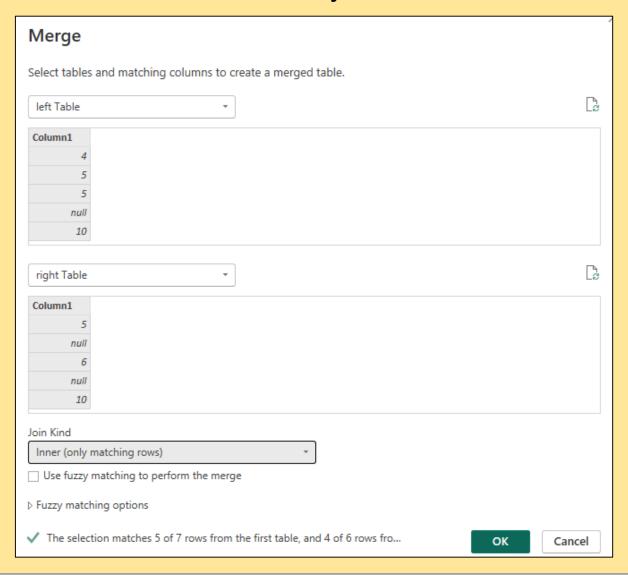
Hence proved, null = null

## QUESTION 23(2)

Show different joins in Power-BI

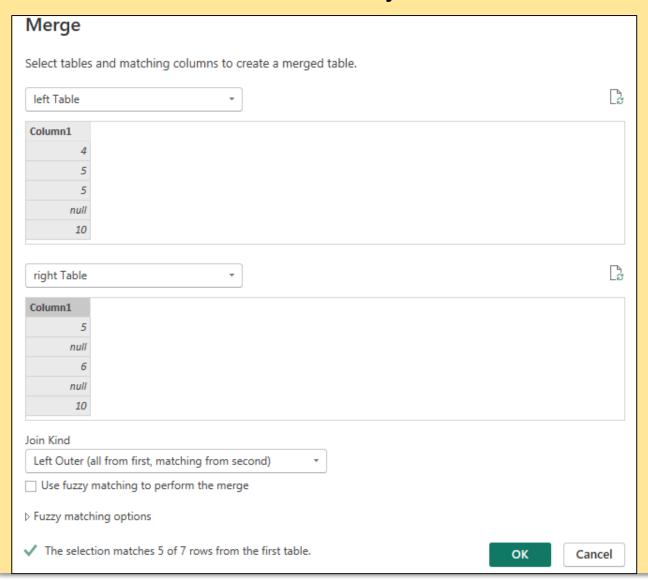
- Inner join
- Left outer join
- Right outer join
- Left=anti join
- Right-anti join
- Full outer join

#### Inner join

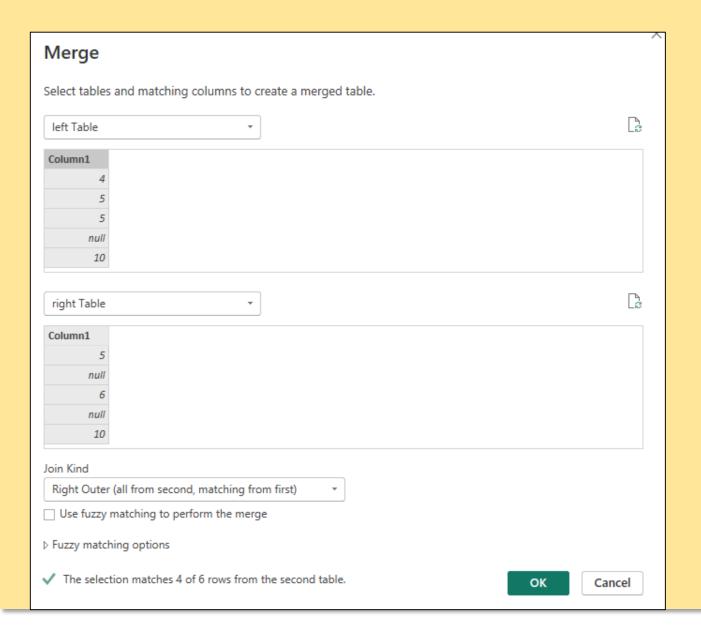


<b></b>	1 <sup>2</sup> 3 Column1	1 <sup>2</sup> 3 Column1.1
1	5	5
2	5	5
3	null	null
4	null	null
5	10	10
6	10	10

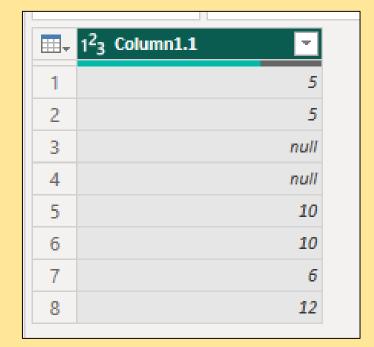
#### Left outer join

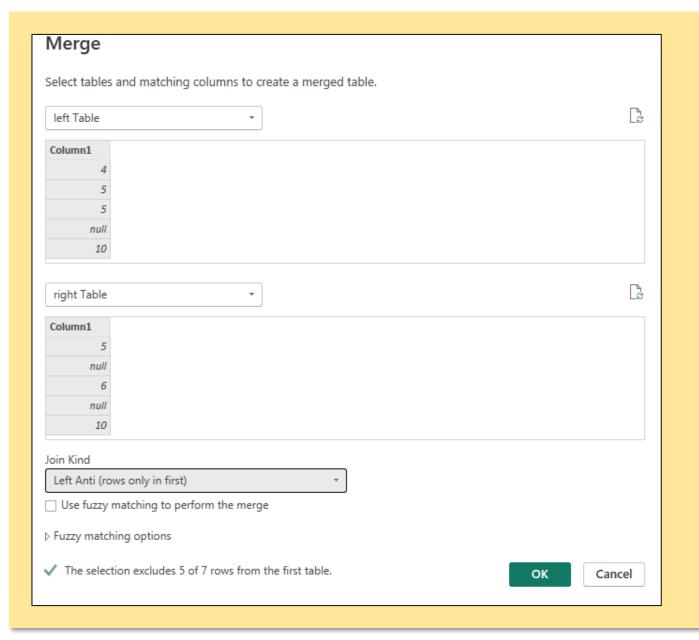


⊞⋆	1 <sup>2</sup> 3 Column1	¥
1		4
2		5
3		5
4		null
5		null
6		10
7		10
8		15

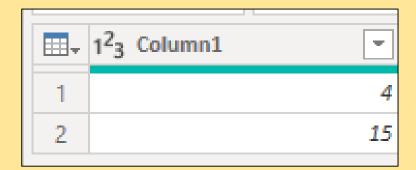


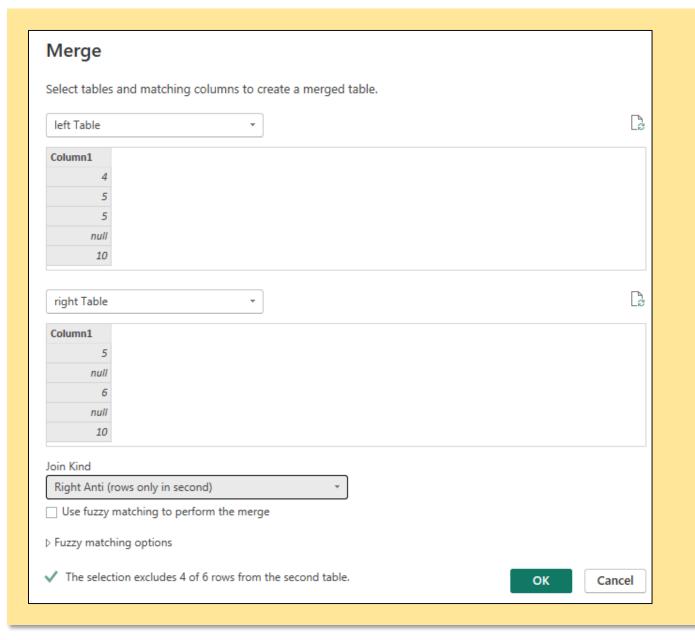
#### Right outer join



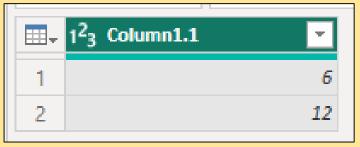


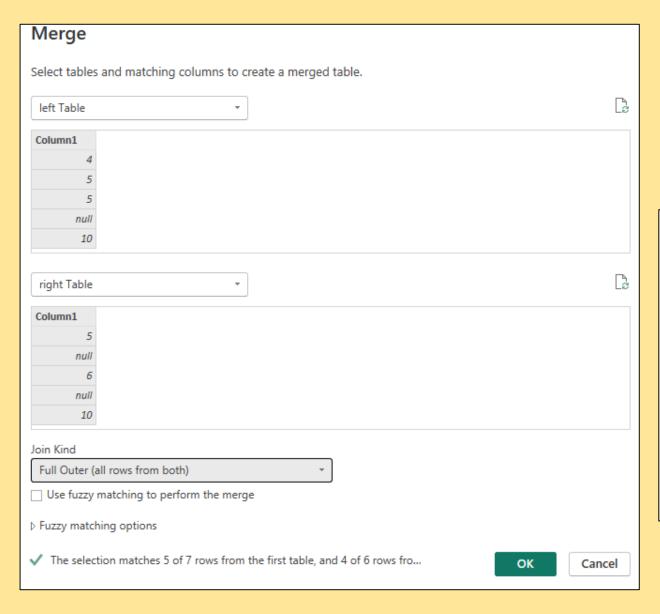
#### Left-anti join





#### Right-anti join





#### Full outer join

₩₩	1 <sup>2</sup> 3 Column1	1 <sup>2</sup> 3 Column1.1
1	4	null
2	5	5
3	5	5
4	null	null
5	null	null
6	10	10
7	10	10
8	15	null
9	null	6
10	null	12

QUESTION 24 From the given table create a new table with only 3 columns having conditions –

1). productid <= 100 2). product name starts with s 3). product price >= 500

#### **SAMPLE TABLE**

ProductID 🔻	Product name 💌	Price 🔻	color 💌	quantity 🔻
10	SP1	600	Red	1
50	P2	200	green	2
70	SP3	900	black	3
80	P4	400	white	4
200	P5	500	blue	5
300	SP6	150	yellow	6
700	P7	700	orange	7
100	SP8	800	purple	8

Products table

ProductID	Product name	Price
10	SP1	600
70	SP3	900
100	SP8	800

### **THANK YOU**

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