

POWER-BI SCENARIO BASED QUESTIONS

QUESTION 9 & 10

Calculate Total Business Days
Join each year to all the countries.

- MAYURI .D.

QUESTION 9 Calculate Total Business Days

SAMPLE TABLE

Order_Date	Delivered_Date
13 December 2022	05 January 2023
12 March 2023	29 March 2023
11 April 2023	25 April 2023
10 June 2023	14 June 2023
02 July 2023	10 July 2023

```
1 Total Business Days =  
2 var a = SELECTEDVALUE(query9[Order_Date])  
3 var b = SELECTEDVALUE(query9[Delivered_Date])  
4 var c = NETWORKDAYS(a,b)  
5 RETURN c
```

Order_Date	Delivered_Date	Total Business Days
13 December 2022	05 January 2023	18
12 March 2023	29 March 2023	13
11 April 2023	25 April 2023	11
10 June 2023	14 June 2023	3
02 July 2023	10 July 2023	6


QUESTION 10 Join each year to all the countries.


SAMPLE TABLE

country	continent	population
India	Asia	5000
Bangladesh	Asia	4000
England	England	3000
Columbia	South America	2000

year
2023
2024

In power query, Create custom column in both the tables.
Then join them using custom column.

	 A ^B _C country	A ^B _C continent	1 ² ₃ population	1 ² ₃ Custom
1	India	Asia	5000	1
2	Bangladesh	Asia	4000	1
3	England	England	3000	1
4	Columbia	South America	2000	1

	 1 ² ₃ year	1 ² ₃ Custom
1	2023	1
2	2024	1

Merge

Select a table and matching columns to create a merged table.

query10

country	continent	population	Custom
India	Asia	5000	1
Bangladesh	Asia	4000	1
England	England	3000	1
Columbia	South America	2000	1

year

year	Custom
2023	1
2024	1

Join Kind

Left Outer (all from first, matching from second)

☐ Use fuzzy matching to perform the merge

▸ Fuzzy matching options

✓ The selection matches 4 of 4 rows from the first table.

OK

Cancel

From new column, select year to expand it.
Delete custom column.

	A ^B _C country	A ^B _C continent	1 ² ₃ population	1 ² ₃ Custom	year
1	India	Asia			
2	Bangladesh	Asia			
3	England	England			
4	Columbia	South America			

Search Columns to Expand

☒ Expand ☐ Aggregate






☒ (Select All Columns)
☒ year
☐ Custom

☐ Use original column name as prefix

OK Cancel

Final output

Year 2023 and 2024, both are applied to each country respectively changing other columns as well

	A_C^B country 	A_C^B continent 	1_3^2 population 	1_3^2 year 
1	India	Asia	5000	2023
2	India	Asia	5000	2024
3	Bangladesh	Asia	4000	2023
4	Bangladesh	Asia	4000	2024
5	England	England	3000	2023
6	England	England	3000	2024
7	Columbia	South America	2000	2023
8	Columbia	South America	2000	2024

THANK YOU

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