

POWER-BI SCENARIO BASED QUESTIONS

QUESTION 5 & 6


Calculate() vs CalculateTable()
Import Files in Power-BI and Combine Them


- MAYURI .D.


SAMPLE TABLES


(Get your data from provided link)


Data ... >>


>  metrix

▼  calendar

> ☐  Date


☐  Month

☐  Year

▼  product

☐ ProductColor

☐ ProductID

▼  sales ...

☐ ProductID

☐ Σ Profit

☐ Σ Revenue

☐ SalesDate

☐ Σ SalesID

☐ StockDate

☐ Σ StockID

☐ Σ StockQuantity

QUESTION 5 Calculate() vs CalculateTable()

```
1 Total Profit for Red Color Product = CALCULATE([Total Profit],  
  'product'[ProductColor]="Red")
```

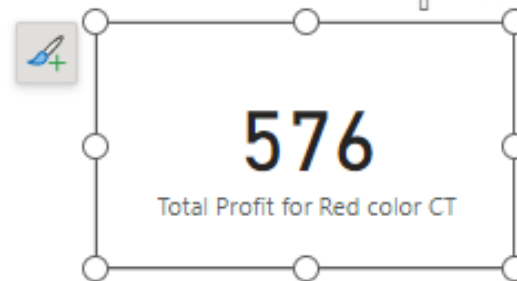
576

Total Profit for Red Color Product

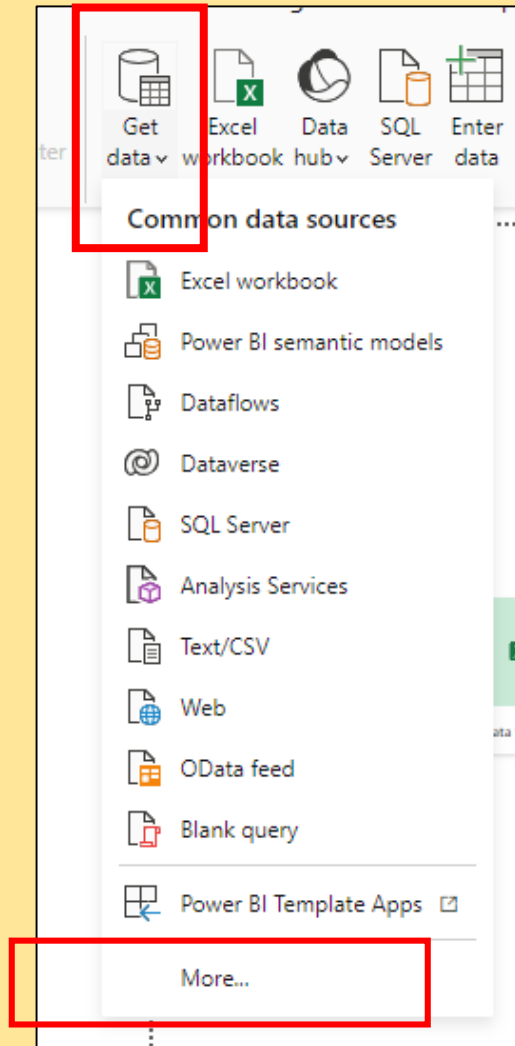
```
1 Total Profit for Red color CT = SUMX(CALCULATETABLE('product',  
  'product'[ProductColor]="Red"),[Total Profit])
```

576

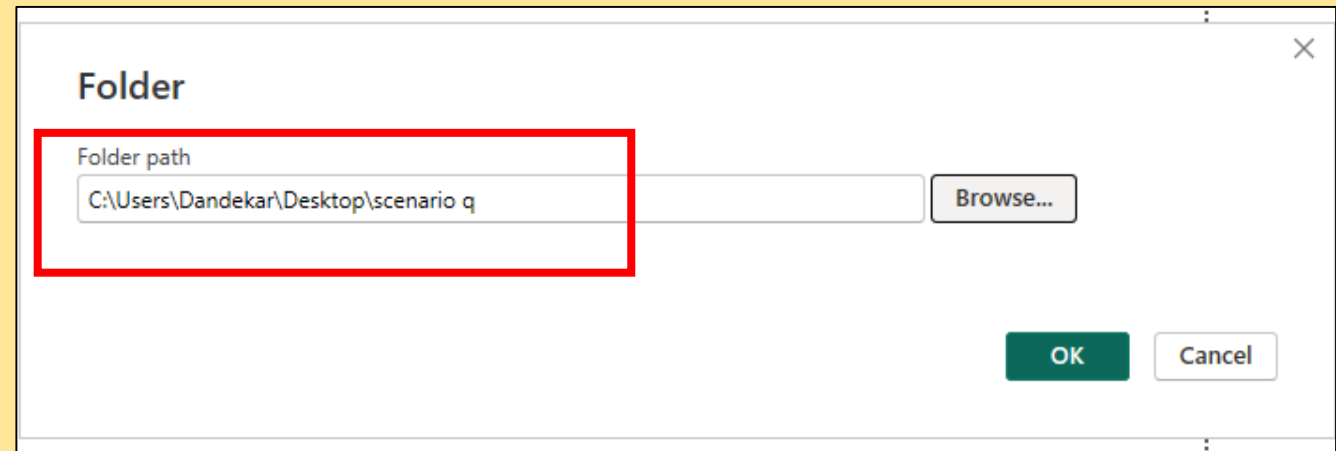
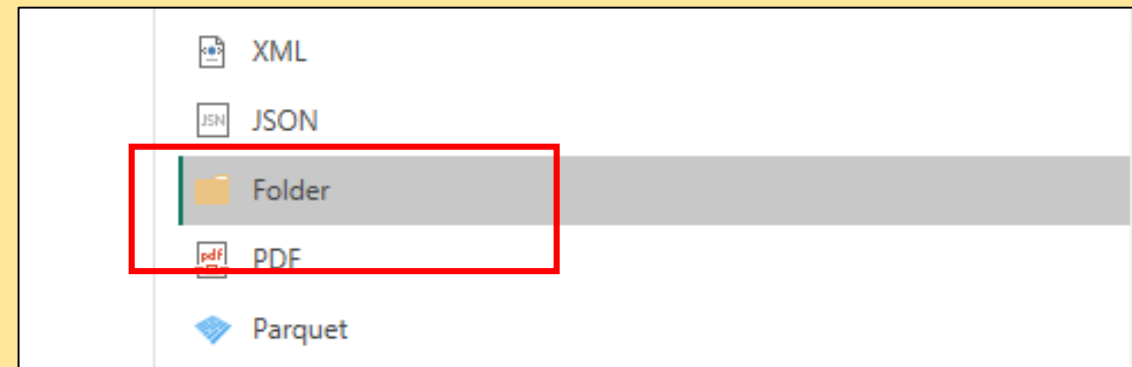
Total Profit for Red Color Product



QUESTION 6 Import files and combine them




Get data → more → folder → give folder path of files → transform files



Files are loaded with details.

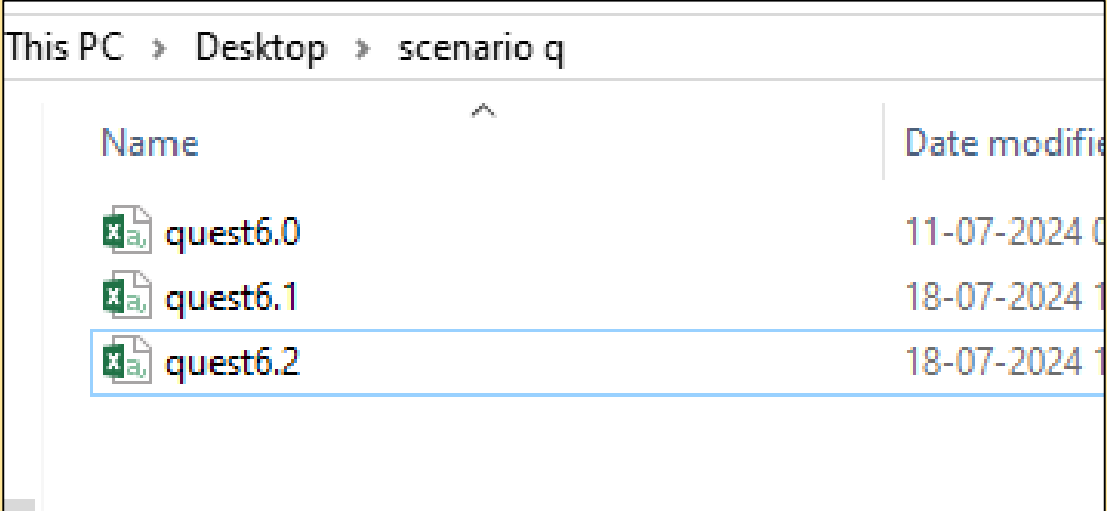
To combine them click on “combine” option in first column

scenario q	Content		ABC Name	ABC Extension	Date accessed
1	Binary		quest6.0.csv	.csv	18-07-2024 2
2	Binary		quest6.1.csv	.csv	18-07-2024 2




Below both files are combine together. Now remove the source name column

	ABC Source.Name	ABC first_name	ABC last_name	123 age	ABC
1	quest6.0.csv	Madhav	Rane	25	Th
2	quest6.0.csv	Mayuri	Dandekar	28	De
3	quest6.0.csv	Pankaj	Kapadiya	23	Mu
4	quest6.0.csv	Pratham	Singh	30	Na
5	quest6.0.csv	Priyanka	Kapoor	27	Mu
6	quest6.1.csv	Madhavi	Rane	25	Th
7	quest6.1.csv	Mayureshwari	Dandekar	28	De
8	quest6.1.csv	Prathamesh	Singh	30	Na

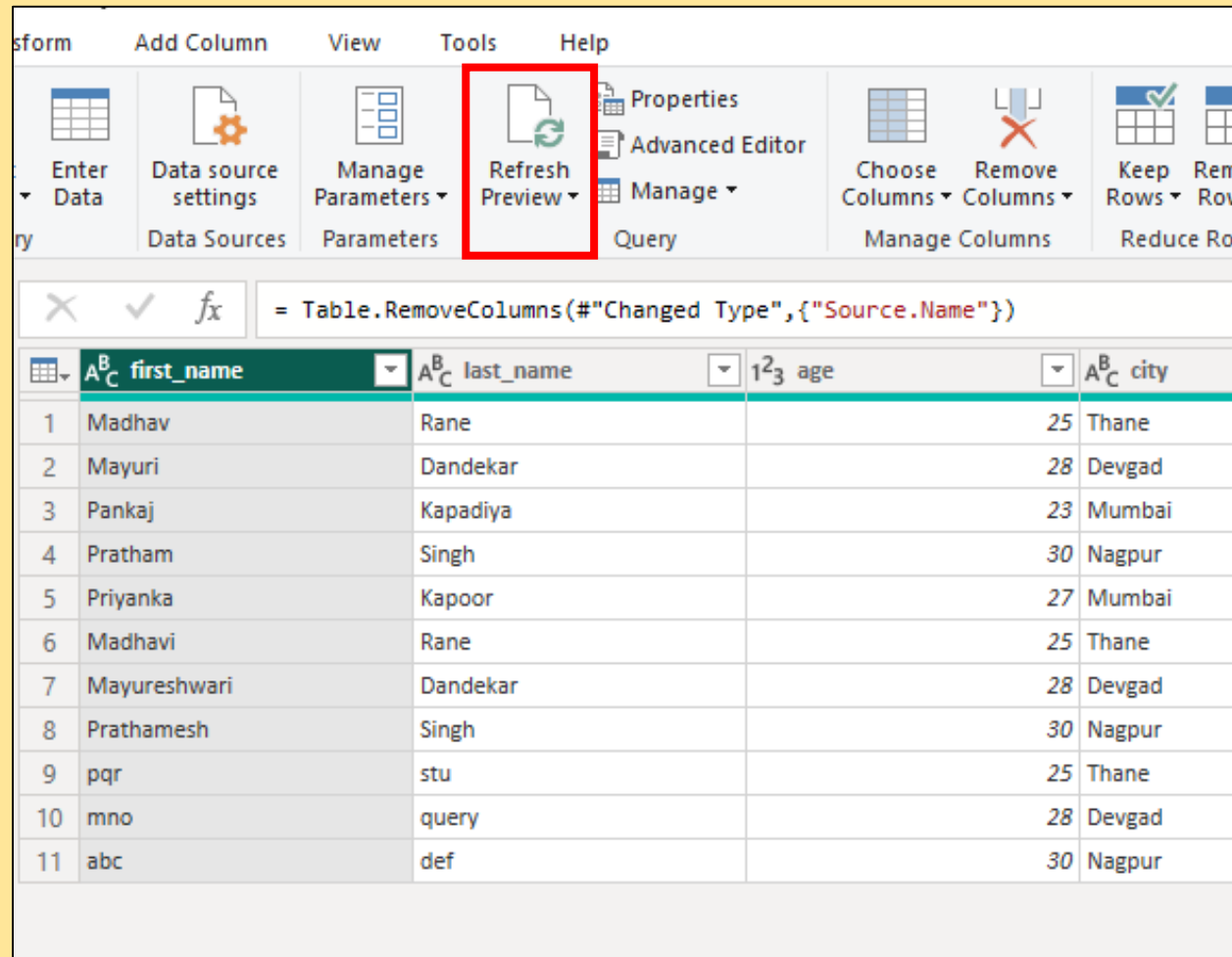
Now lets add one more file “quest6.2” dynamically to the table.
Add the file to the local folder



This PC > Desktop > scenario q

Name	Date modified
 quest6.0	11-07-2024 0
 quest6.1	18-07-2024 1
 quest6.2	18-07-2024 1

In power query editor click on refresh preview, which dynamically refreshes the folder and adds the 3rd file to the table.



The screenshot shows the Power Query Editor interface. The 'Tools' ribbon is active, and the 'Refresh Preview' button is highlighted with a red box. Below the ribbon, the formula bar displays the M code: `= Table.RemoveColumns(#"Changed Type",{"Source.Name"})`. The data table below has four columns: 'first_name', 'last_name', 'age', and 'city'. The table contains 11 rows of data, with the last row (row 11) being 'abc', 'def', '30', and 'Nagpur'.

	first_name	last_name	age	city
1	Madhav	Rane	25	Thane
2	Mayuri	Dandekar	28	Devgad
3	Pankaj	Kapadiya	23	Mumbai
4	Pratham	Singh	30	Nagpur
5	Priyanka	Kapoor	27	Mumbai
6	Madhavi	Rane	25	Thane
7	Mayureshwari	Dandekar	28	Devgad
8	Prathamesh	Singh	30	Nagpur
9	pqr	stu	25	Thane
10	mno	query	28	Devgad
11	abc	def	30	Nagpur

THANK YOU

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