

How can I create a pivot table from multiple sheets in Excel?

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RECOMMENDED CITATION

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PSYCHOLOGICAL SCALES. Retrieved from <https://scales.arabpsychology.com/?p=155661>

Creating a pivot table in Excel allows for effective analysis and organization of data from multiple sheets. To create a pivot table from multiple sheets, first, select all the sheets that contain the data you want to include. Then, go to the "Insert" tab and click on "Pivot Table." In the pop-up window, choose the option to use multiple consolidation ranges, and click "Next." Select the data range for each sheet and click "Add." Finally, choose where you want the pivot table to be placed and click "Finish." This will generate a new sheet with a pivot table that combines the data from all the selected sheets.

Excel: Create Pivot Table from Multiple Sheets

The following step-by-step example shows how to create a pivot table from multiple sheets in Excel

Step 1: Enter the Data

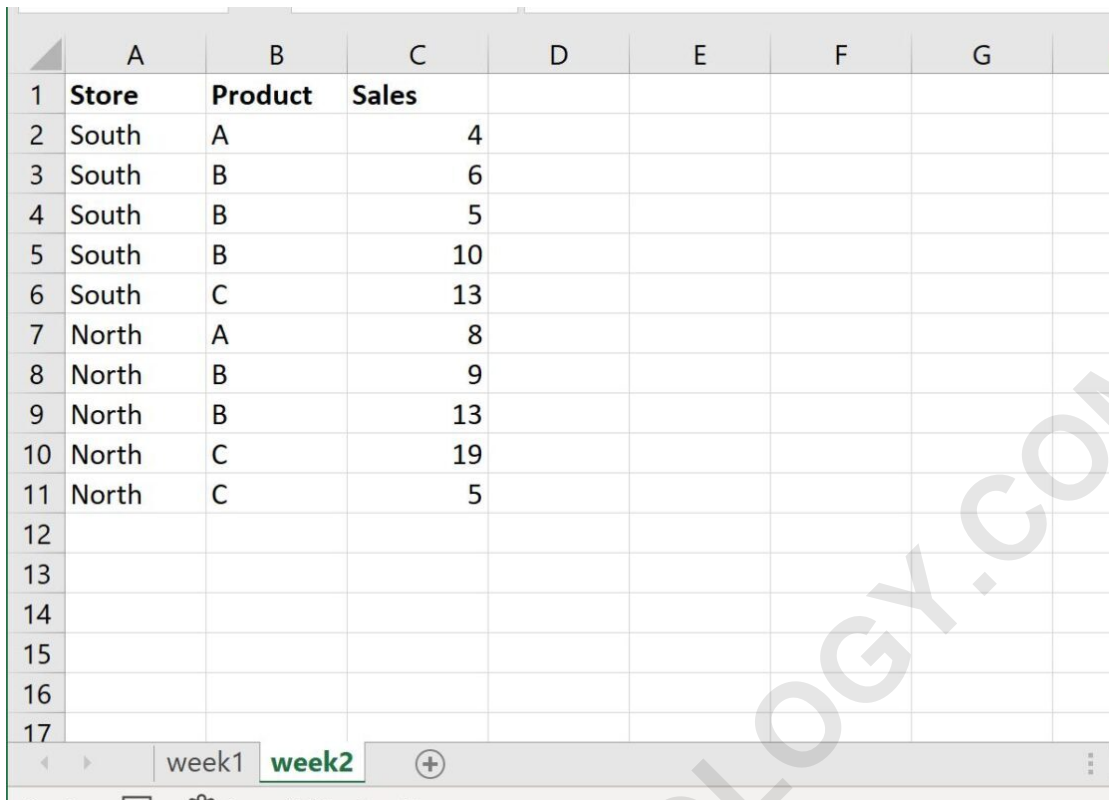
Suppose we have a spreadsheet with two sheets titled week1 and week2:

Week1:

	A	B	C	D	E	F	G
1	Store	Product	Sales				
2	South	A	7				
3	South	A	12				
4	South	B	14				
5	South	C	10				
6	South	C	8				
7	North	A	20				
8	North	A	21				
9	North	A	14				
10	North	B	8				
11	North	C	17				
12							
13							
14							
15							
16							
17							

week1 week2 +

Week2:



	A	B	C	D	E	F	G	H	I
1	Store	Product	Sales						
2	South	A	4						
3	South	B	6						
4	South	B	5						
5	South	B	10						
6	South	C	13						
7	North	A	8						
8	North	B	9						
9	North	B	13						
10	North	C	19						
11	North	C	5						
12									
13									
14									
15									
16									
17									

Suppose we would like to create a pivot table using data from both sheets.

Step 2: Consolidate Data into One Sheet

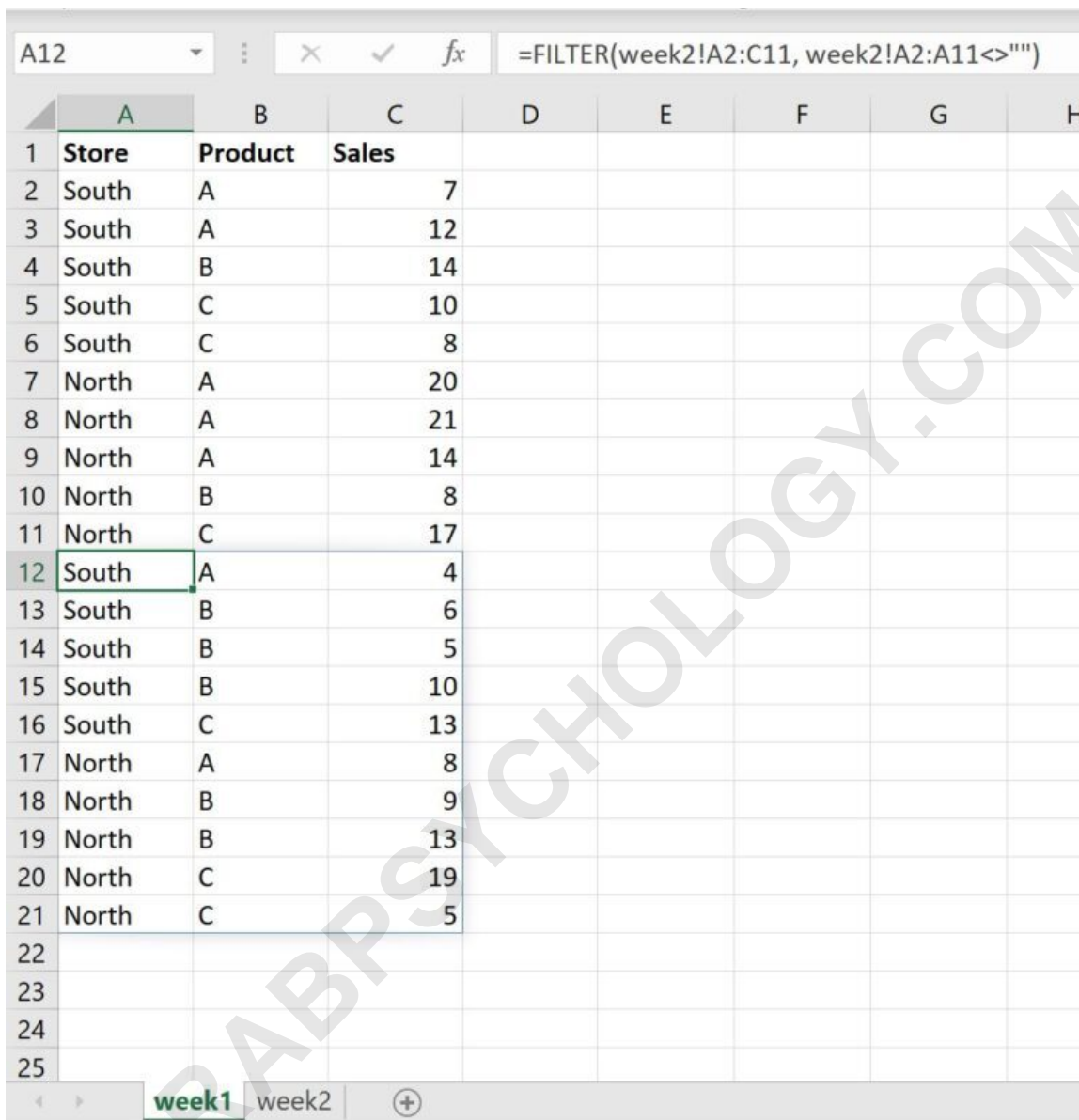
Before we can create a pivot table using both sheets, we must consolidate all of the data into one sheet.

We can use the following FILTER formula to do so:

=FILTER(week2!A2:C11, week2!A2:A11<>"")

We can type this formula into cell A12 of the week1

sheet:



The screenshot shows an Excel spreadsheet with a formula bar at the top containing the formula: `=FILTER(week2!A2:C11, week2!A2:A11<>'')`. The spreadsheet has columns A, B, and C, and rows 1 through 25. The data is as follows:

	A	B	C	D	E	F	G	H
1	Store	Product	Sales					
2	South	A	7					
3	South	A	12					
4	South	B	14					
5	South	C	10					
6	South	C	8					
7	North	A	20					
8	North	A	21					
9	North	A	14					
10	North	B	8					
11	North	C	17					
12	South	A	4					
13	South	B	6					
14	South	B	5					
15	South	B	10					
16	South	C	13					
17	North	A	8					
18	North	B	9					
19	North	B	13					
20	North	C	19					
21	North	C	5					
22								
23								
24								
25								

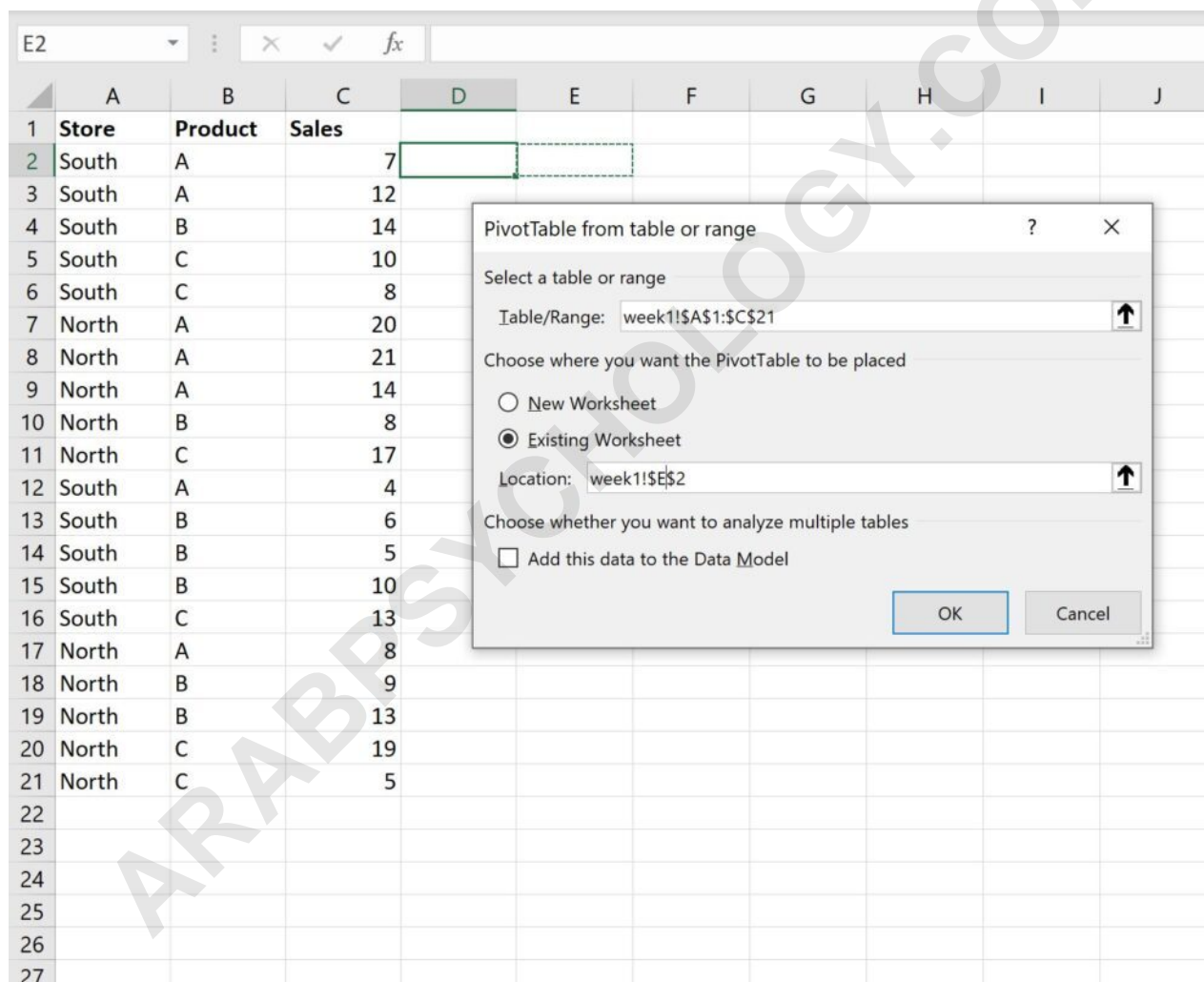
This formula tells Excel to return all of the rows from the week2 sheet where the value in the range A2:A11 of that sheet is not blank.

All of the rows from the week1 and week2 sheets are

now consolidated into one sheet.

Step 3: Create the Pivot Table

In the new window that appears, type in the following information and then click OK:



The screenshot shows an Excel spreadsheet with the following data:

	A	B	C	D	E	F	G	H	I	J
1	Store	Product	Sales							
2	South	A	7							
3	South	A	12							
4	South	B	14							
5	South	C	10							
6	South	C	8							
7	North	A	20							
8	North	A	21							
9	North	A	14							
10	North	B	8							
11	North	C	17							
12	South	A	4							
13	South	B	6							
14	South	B	5							
15	South	B	10							
16	South	C	13							
17	North	A	8							
18	North	B	9							
19	North	B	13							
20	North	C	19							
21	North	C	5							
22										
23										
24										
25										
26										
27										

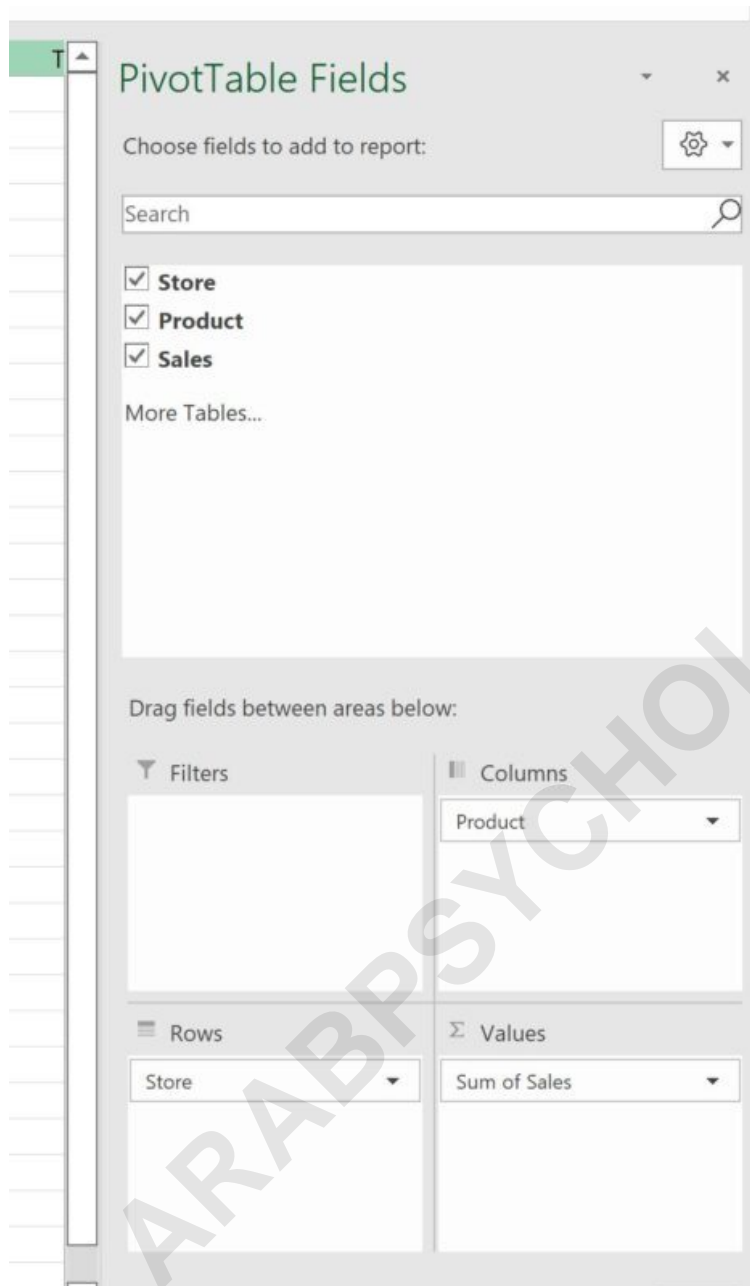
The PivotTable from table or range dialog box is open, showing the following settings:

- Table/Range: week1!\$A\$1:\$C\$21
- Choose where you want the PivotTable to be placed:
 - New Worksheet
 - Existing Worksheet
- Location: week1!\$E\$2
- Choose whether you want to analyze multiple tables:
 - Add this data to the Data Model

Buttons: OK, Cancel

In the PivotTable Fields panel that appears on the right side of the screen, drag Store to the Rows box, drag Product to the Columns box, and drag Sales to the

Values box:



The following pivot table will automatically be created:

	D	E	F	G	H	I	J
7		Sum of Sales	Column Labels				
2		Row Labels	A	B	C	Grand Total	
4		North		63	30	41	134
0		South		23	35	31	89
8		Grand Total		86	65	72	223
0							
1							
4							
8							
7							
4							
6							
5							
0							
3							
8							
9							
3							

The final pivot table includes data from both the week1 and week2 sheets.

Additional Resources

The following tutorials explain how to perform other common operations in Excel: