

# How to Calculate the Mode in Excel Pivot Tables: A Step-by-Step Guide

Authored by  
**stats writer**

November 29, 2025

## RECOMMENDED CITATION

stats writer (2025). *How to Calculate the Mode in Excel Pivot Tables: A Step-by-Step Guide*. PSYCHOLOGICAL SCALES. Retrieved from <https://scales.arabpsychology.com/?p=101877>

To calculate the mode in an Excel pivot table, select the field containing the data, then select the "Value Field Settings" option. In the Value Field Settings window, select "Summarize Values By" and select "Mode" from the drop-down menu. Finally, click the OK button to apply the mode calculation. The pivot table will now display the mode value for the selected field.

Often you may want to calculate the mode in an Excel pivot table.

Unfortunately Excel doesn't have a built-in feature to calculate the mode, but you can use a MODE IF function as a workaround.

The following step-by-step example shows how to do so.

### Step 1: Enter the Data

First, let's enter the following data that shows the points scored by basketball players on various teams:

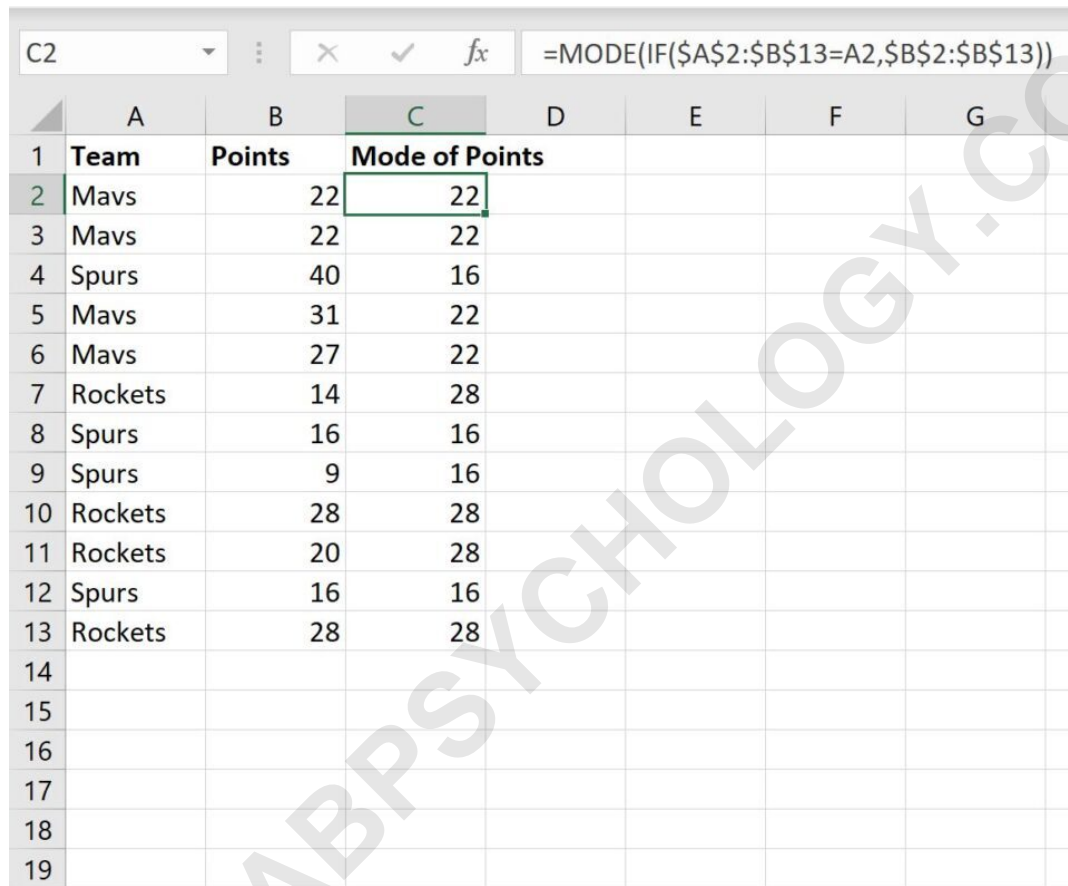
	A	B	C	D	E	F
1	<b>Team</b>	<b>Points</b>				
2	Mavs	22				
3	Mavs	19				
4	Spurs	40				
5	Mavs	31				
6	Mavs	27				
7	Rockets	14				
8	Spurs	16				
9	Spurs	9				
10	Kings	12				
11	Rockets	20				
12	Kings	25				
13	Kings	28				
14						
15						
16						
17						
18						
19						
20						

## Step 2: Calculate the Mode by Group

Next, we can use the following formula to calculate the mode for the points value for each team:

**=MODE(IF(\$A\$2:\$B\$13=A2,\$B\$2:\$B\$13))**

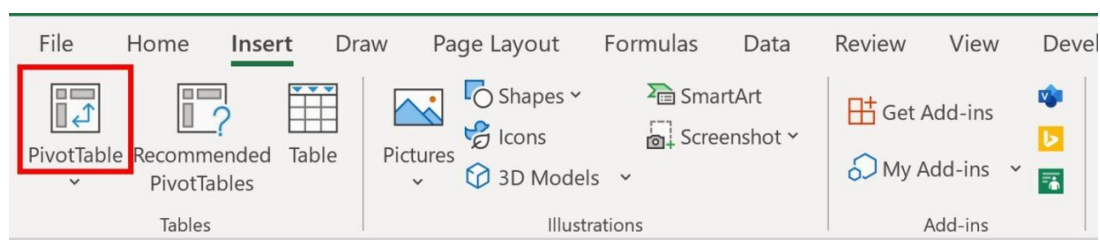
The following screenshot shows how to use this formula in practice:



	A	B	C	D	E	F	G
1	<b>Team</b>	<b>Points</b>	<b>Mode of Points</b>				
2	Mavs	22	22				
3	Mavs	22	22				
4	Spurs	40	16				
5	Mavs	31	22				
6	Mavs	27	22				
7	Rockets	14	28				
8	Spurs	16	16				
9	Spurs	9	16				
10	Rockets	28	28				
11	Rockets	20	28				
12	Spurs	16	16				
13	Rockets	28	28				
14							
15							
16							
17							
18							
19							

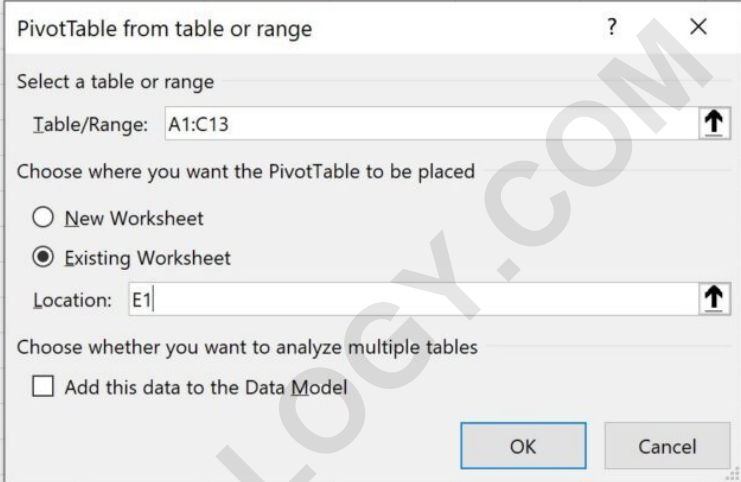
## Step 3: Create the Pivot Table

To create a pivot table, click the **Insert** tab along the top ribbon and then click the **PivotTable** icon:



In the new window that appears, choose **A1:C13** as the range and choose to place the pivot table in cell **E1** of the existing worksheet:

	A	B	C	D	E	F	G	H	I	J
1	<b>Team</b>	<b>Points</b>	<b>Mode of Points</b>							
2	Mavs	22	22							
3	Mavs	22	22							
4	Spurs	40	16							
5	Mavs	31	22							
6	Mavs	27	22							
7	Rockets	14	28							
8	Spurs	16	16							
9	Spurs	9	16							
10	Rockets	28	28							
11	Rockets	20	28							
12	Spurs	16	16							
13	Rockets	28	28							
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

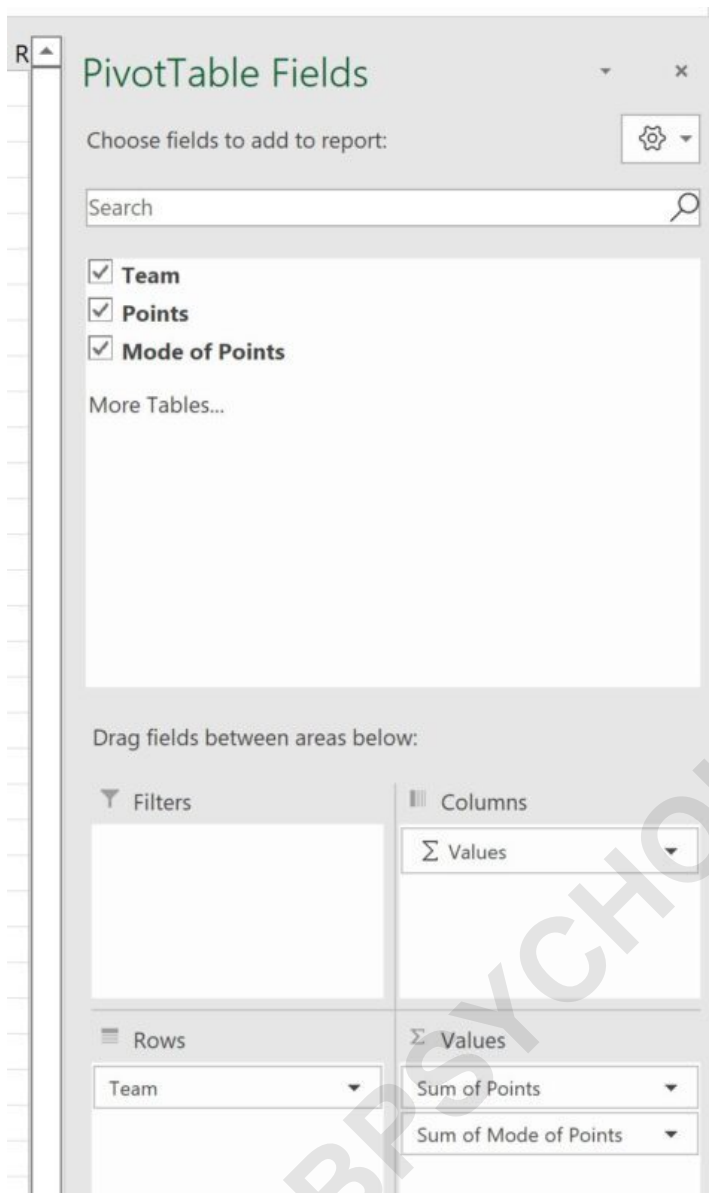


The dialog box 'PivotTable from table or range' is shown. It contains the following fields and options:

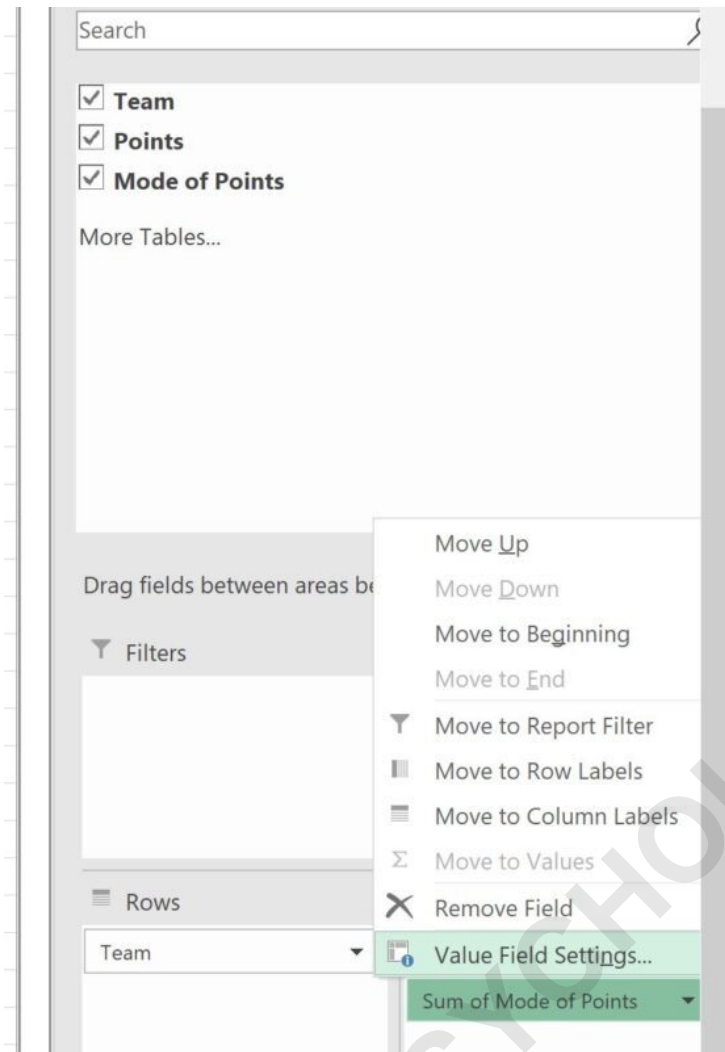
- Table/Range: A1:C13
- Choose where you want the PivotTable to be placed:
  - New Worksheet
  - Existing Worksheet
- Location: E1
- Choose whether you want to analyze multiple tables:
  - Add this data to the Data Model

Buttons: OK, Cancel

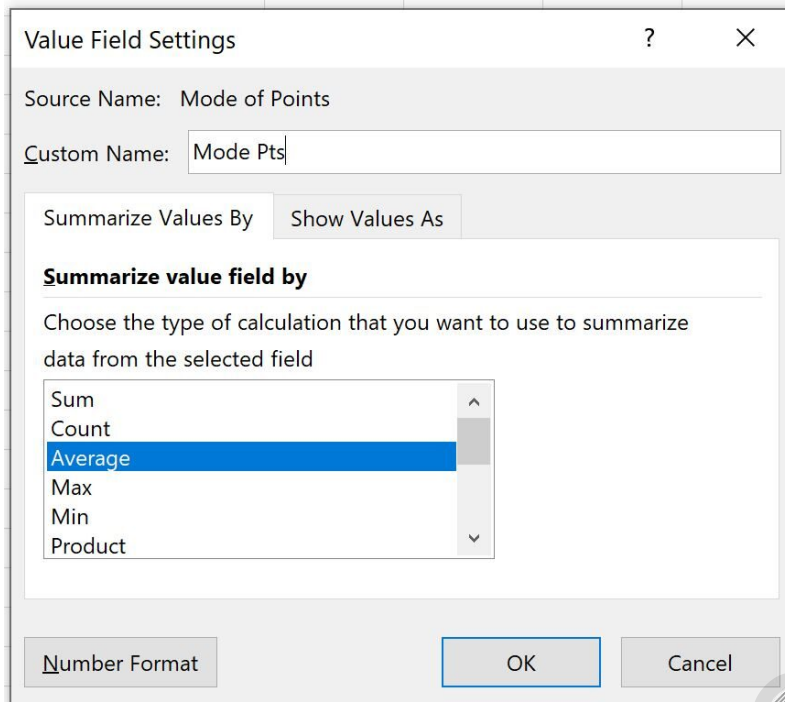
Drag the **Team** field to the **Rows** box, then drag the **Points** and **Mode of Points** fields to the **Values** box:



Next, click the **Sum of Mode Points** dropdown arrow and then click **Value Field Settings**:



In the new window that appears, change the Custom Name to **Mode Pts** and then click **Average** as the summarize value:



Once you click **OK**, the mode number of points scored for each team will be added to the pivot table:

	A	B	C	D	E	F	G
1	<b>Team</b>	<b>Points</b>	<b>Mode of Points</b>		<b>Row Labels</b>	<b>Sum of Points</b>	<b>Mode Pts</b>
2	Mavs	22	22		Mavs	102	22
3	Mavs	22	22		Rockets	90	28
4	Spurs	40	16		Spurs	81	16
5	Mavs	31	22		<b>Grand Total</b>	<b>273</b>	<b>22</b>
6	Mavs	27	22				
7	Rockets	14	28				
8	Spurs	16	16				
9	Spurs	9	16				
10	Rockets	28	28				
11	Rockets	20	28				
12	Spurs	16	16				
13	Rockets	28	28				
14							
15							
16							
17							
18							
19							
20							

The pivot table now contains the following information:

Each unique team name

The sum of points scored by each team

The mode number of points scored by each team