How can I group values in a pivot table by range in Excel?

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Pivot tables in Excel allow users to easily summarize and analyze data by grouping values into categories or ranges. This is particularly useful when dealing with large datasets and wanting to quickly identify trends or patterns. To group values in a pivot table by range, users can use the "Grouping" feature which allows them to specify a range of values to be grouped together. This can be done by right-clicking on the pivot table and selecting "Group" or by selecting the desired range of values and using the "Group Selection" option. By grouping values in a pivot table, users can effectively organize and analyze their data to gain valuable insights.

Excel: Group Values in Pivot Table by Range

The following step-by-step example shows how to group values in a pivot table in Excel by range.

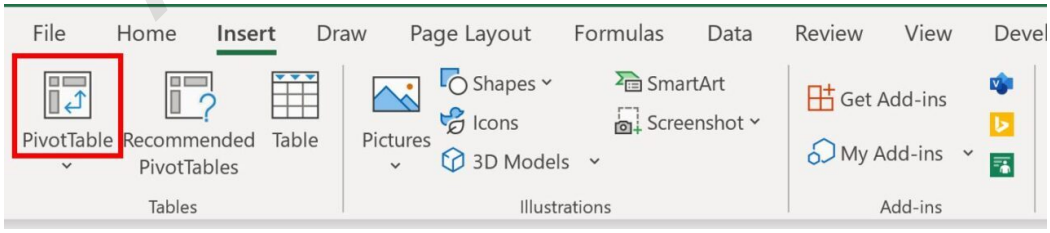
Step 1: Enter the Data

First, let's enter the following data about 15 different stores:

	A	B	C	D	E
1	**Store**	**Sq. Feet**	**Sales**		
2	A	100	23		
3	B	119	28		
4	C	135	49		
5	D	150	48		
6	E	155	23		
7	F	159	37		
8	G	140	33		
9	H	190	39		
10	I	175	50		
11	J	205	51		
12	K	210	38		
13	L	211	40		
14	M	220	64		
15	N	240	68		
16	O	250	76		
17					
18					
19					
20					
21					
22					

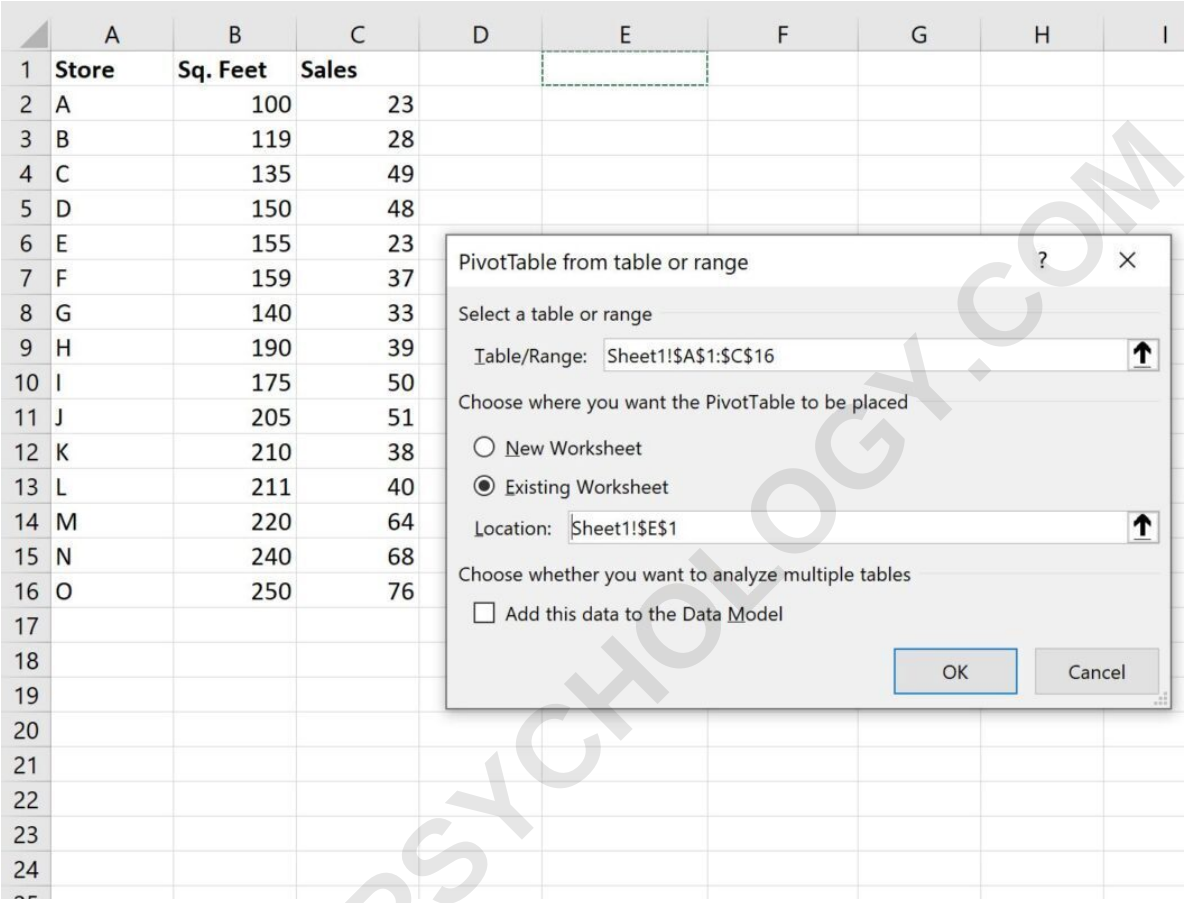
Step 2: Create Pivot Table

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



In the new window that appears, choose A1:C16 as the

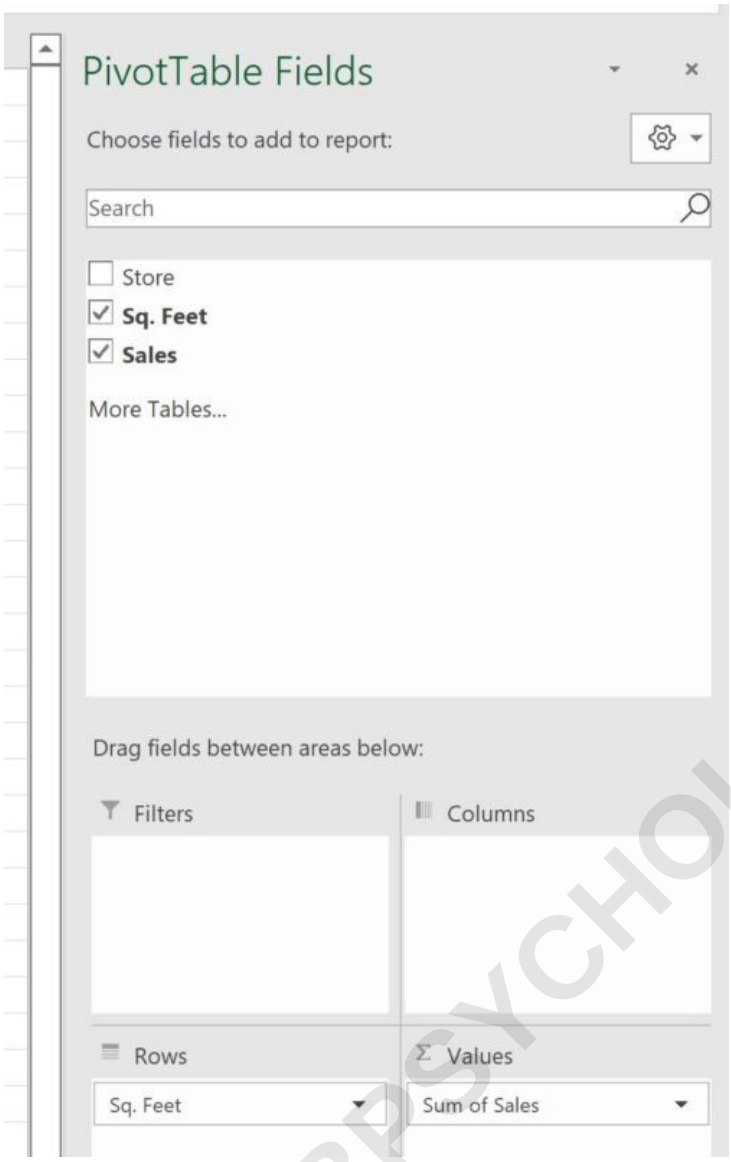
range and choose to place the pivot table in cell E1 of the existing worksheet:



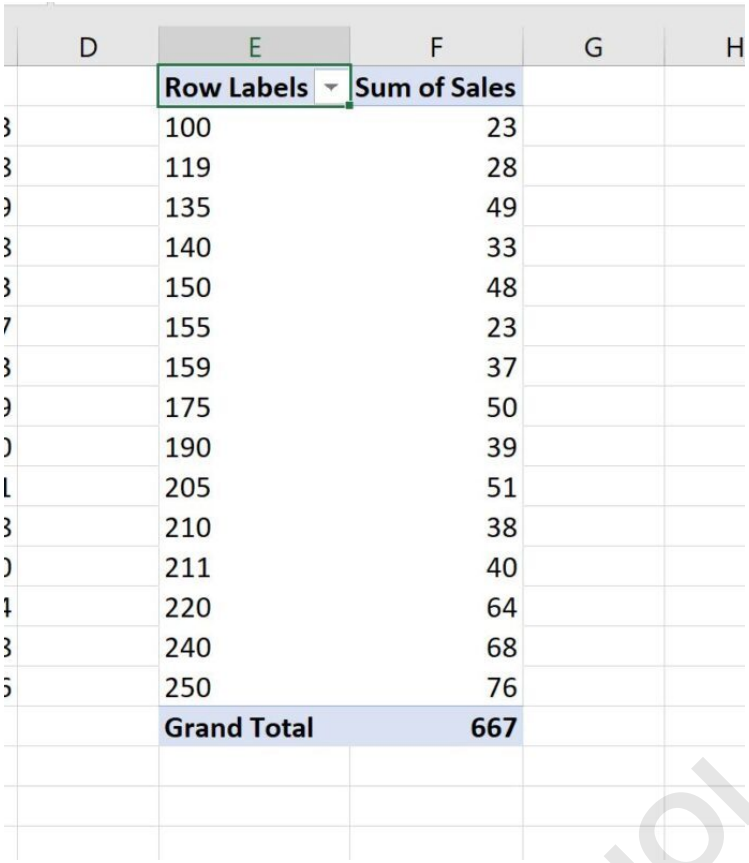
	A	B	C
1	Store	Sq. Feet	Sales
2	A	100	23
3	B	119	28
4	C	135	49
5	D	150	48
6	E	155	23
7	F	159	37
8	G	140	33
9	H	190	39
10	I	175	50
11	J	205	51
12	K	210	38
13	L	211	40
14	M	220	64
15	N	240	68
16	O	250	76

Once you click OK, a new PivotTable Fields panel will appear on the right side of the screen.

Drag the Sq. Feet field to the Rows box and drag the Sales field to the Values box:



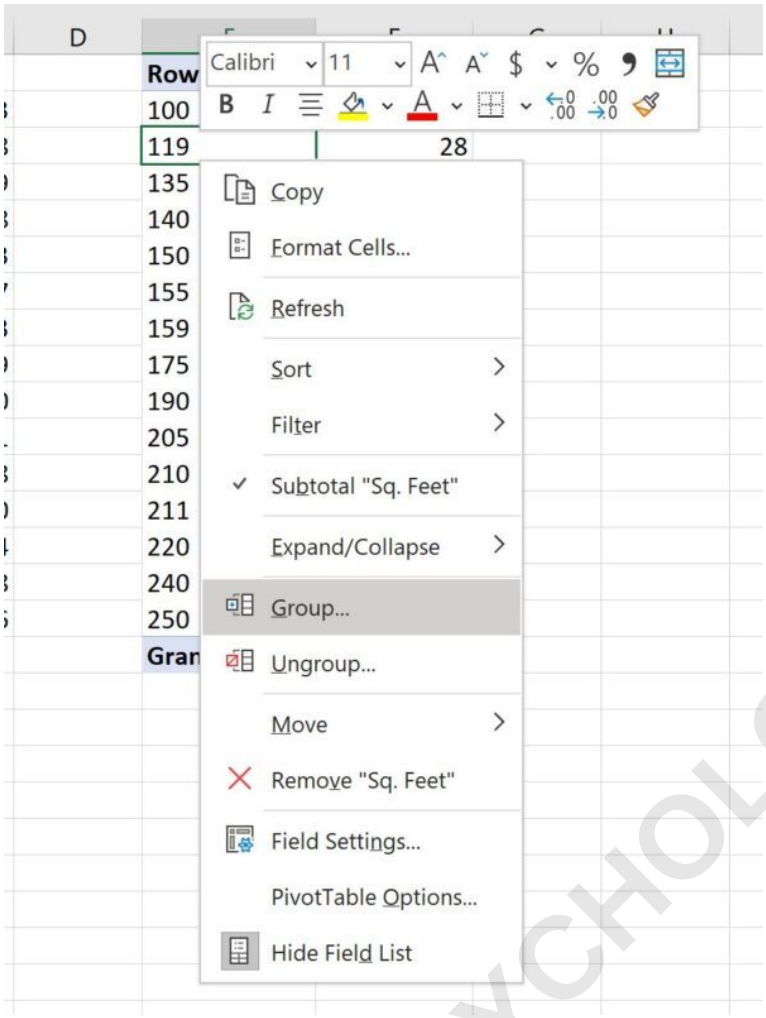
The pivot table will automatically be populated with the following values:



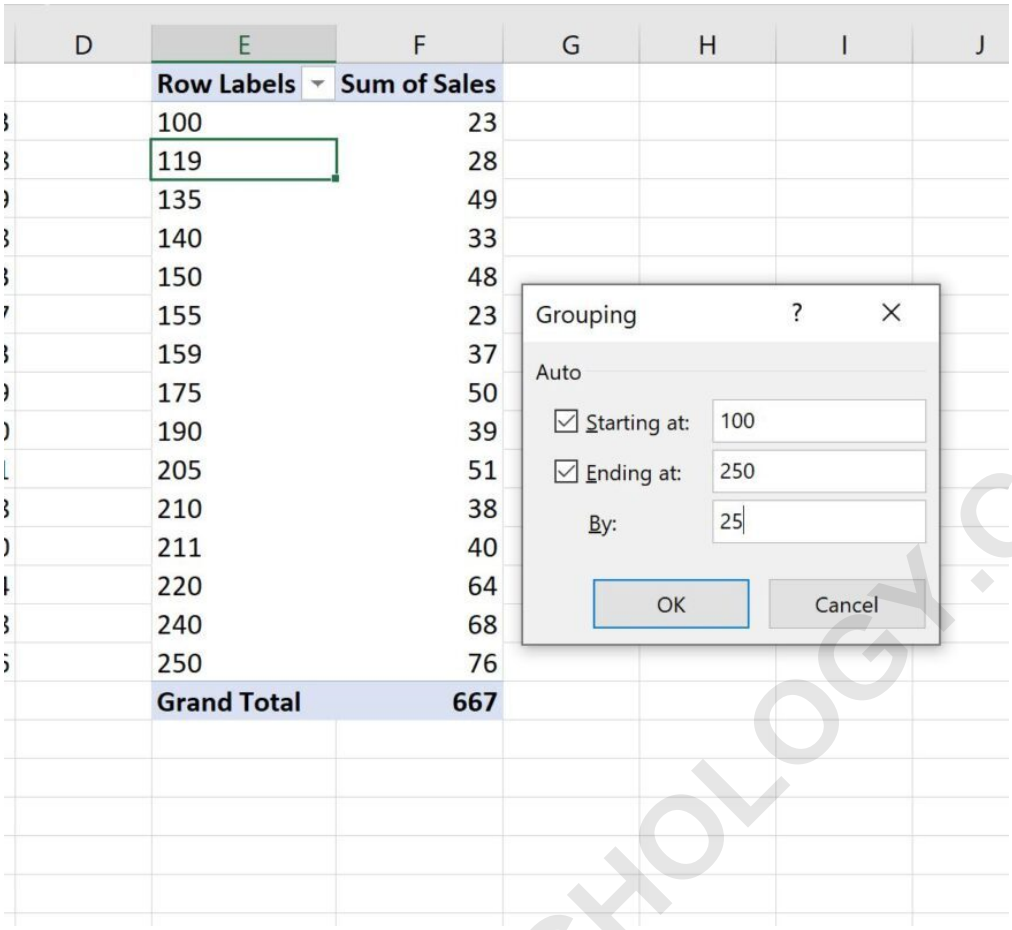
Row Labels	Sum of Sales
100	23
119	28
135	49
140	33
150	48
155	23
159	37
175	50
190	39
205	51
210	38
211	40
220	64
240	68
250	76
Grand Total	667

Step 3: Group Pivot Table Values by Range

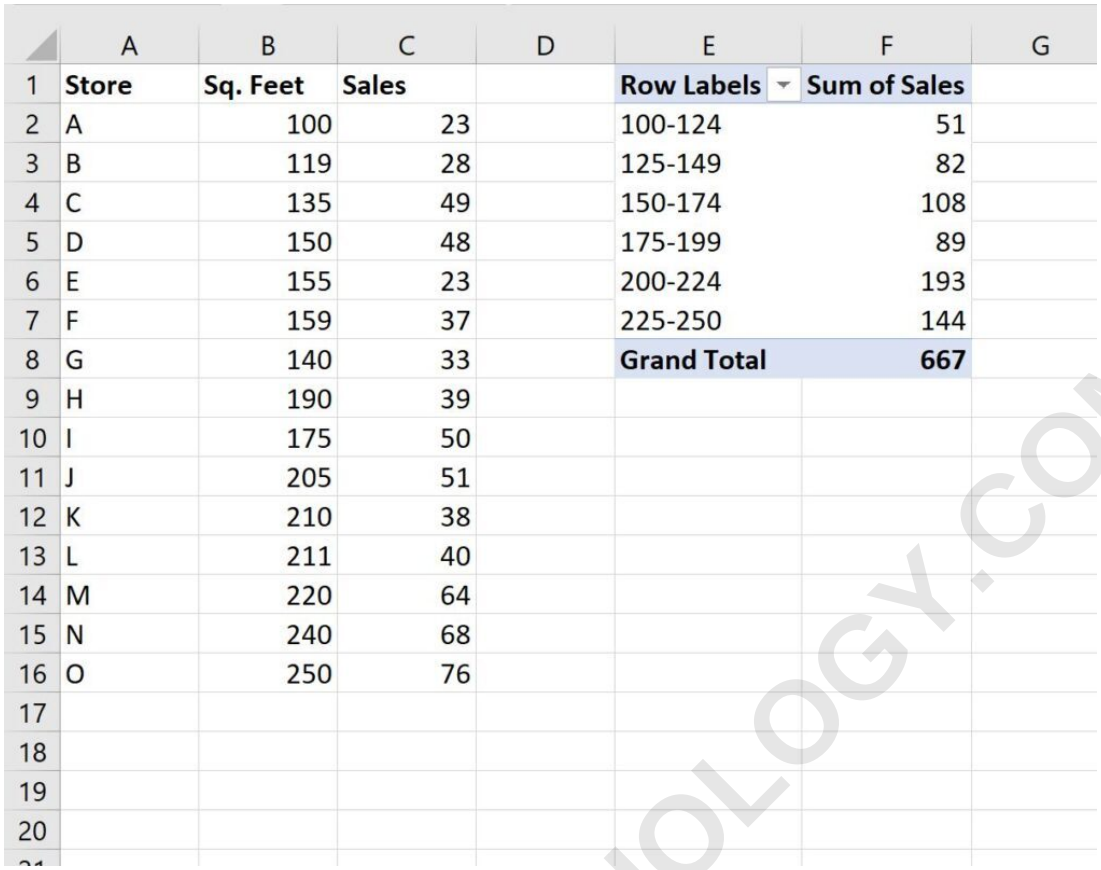
To group the square footage values by range, right click on any value in the first column of the pivot table, then click Group in the dropdown menu:



In the Grouping window that appears, choose to group values starting at 100, ending at 250, by 25:



Once you click OK, the square footage values in the pivot table will automatically be grouped from 100 to 250, in ranges of length 25:



	A	B	C	D	E	F	G
1	Store	Sq. Feet	Sales		Row Labels	Sum of Sales	
2	A	100	23		100-124	51	
3	B	119	28		125-149	82	
4	C	135	49		150-174	108	
5	D	150	48		175-199	89	
6	E	155	23		200-224	193	
7	F	159	37		225-250	144	
8	G	140	33		Grand Total	667	
9	H	190	39				
10	I	175	50				
11	J	205	51				
12	K	210	38				
13	L	211	40				
14	M	220	64				
15	N	240	68				
16	O	250	76				
17							
18							
19							
20							

Here's how to interpret the values in the pivot table:

The sum of the sales for stores with square footage between 100 and 124 is 51.The sum of the sales for stores with square footage between 125 and 149 is 82.The sum of the sales for stores with square footage between 150 and 174 is 108.

And so on.

For this example we grouped the values using a range of 25, but feel free to use whatever range you'd like

depending on your data.

Additional Resources

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