

# How can I merge cells with the same values in VBA?

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## RECOMMENDED CITATION

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Merging cells with the same values in VBA allows for the consolidation of data into a single cell, making it easier to analyze and organize. This process can be achieved by using the "MergeCells" method, which combines adjacent cells with matching values into a single larger cell. This can save time and effort when working with large datasets, as well as providing a cleaner and more concise display of information. By utilizing VBA code, the merging process can be automated and customized to meet specific needs, making it a valuable tool for data manipulation and presentation.

## **VBA: Merge Cells with the Same Values**

**You can use the following syntax in VBA to merge cells with the same values in a particular range:**

**Sub MergeSameCells()**

**'turn off display alerts while merging  
Application.DisplayAlerts = False**

**'specify range of cells for merging  
Set myRange = Range("A1:C13")**

**'merge all same cells in range**

**MergeSame:**

**For Each cell In myRange**

**If cell.Value = cell.Offset(1, 0).Value And Not  
IsEmpty(cell) Then**

**Range(cell, cell.Offset(1, 0)).Merge**

**cell.VerticalAlignment = xlCenter**

**GoTo MergeSame**

**End IfNext'turn display alerts back on**

**Application.DisplayAlerts = True**

**End Sub**

**This particular macro merges cells with the same values in the range A1:C13.**

**The following example shows how to use this syntax in practice.**

**Example: Merge Cells with the Same Values in VBA**

**Suppose we have the following dataset in Excel that contains information about points scored by various basketball players:**

	A	B	C	D	E	F
1	<b>Conference</b>	<b>Team</b>	<b>Points</b>			
2	Western	Mavs	22			
3	Western	Mavs	14			
4	Western	Rockets	11			
5	Western	Spurs	19			
6	Western	Spurs	14			
7	Western	Spurs	29			
8	Eastern	Celtics	30			
9	Eastern	Celtics	35			
10	Eastern	Celtics	36			
11	Eastern	Hornets	31			
12	Eastern	Hornets	18			
13	Eastern	Hornets	15			
14						
15						
16						
17						
18						
19						

**Suppose we would like to merge the cells with the same values in consecutive rows.**

**We can create the following macro to do so:**

**Sub MergeSameCells()**

**'turn off display alerts while merging**

**Application.DisplayAlerts = False**

**'specify range of cells for mergingSet myRange = Range("A1:C13")**

**'merge all same cells in range**

**MergeSame:**

**For Each cell In myRange**

**If cell.Value = cell.Offset(1, 0).Value And Not  
IsEmpty(cell) Then**

**Range(cell, cell.Offset(1, 0)).Merge**

**cell.VerticalAlignment = xlCenter**

**GoTo MergeSame**

**End If**Next'turn display alerts back on

**Application.DisplayAlerts = True**

**End Sub**

**When we run this macro, we receive the following  
output:**

	A	B	C	D	E
1	<b>Conference</b>	<b>Team</b>	<b>Points</b>		
2	Western	Mavs	22		
3			14		
4		Rockets	11		
5			19		
6		Spurs	14		
7			29		
8				30	
9	Eastern	Celtics	35		
10			36		
11			31		
12		Hornets	18		
13			15		
14					
15					
16					
17					
18					
19					

**Notice that each of the cells that contained the same Conference name and Team names have been merged.**

**Note that we used the statement `cell.VerticalAlignment = xlCenter` to specify that the text should be centered vertically in the cells that are merged together.**