

# How can I use VBA to freeze panes in a spreadsheet?

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## RECOMMENDED CITATION

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PSYCHOLOGICAL SCALES. Retrieved from <https://scales.arabpsychology.com/?p=149299>

VBA (Visual Basic for Applications) is a programming language that can be used to automate tasks in Microsoft Excel. One useful feature of VBA is the ability to freeze panes in a spreadsheet, which allows users to keep certain rows and columns visible while scrolling through a larger data set. This can be especially helpful when working with large amounts of data. To freeze panes using VBA, the user can use the "FreezePanels" method and specify the rows and columns to be frozen. For example, the code "ActiveSheet.Range("C3").Select FreezePanels = True" would freeze the first two rows and columns of the spreadsheet, keeping the first two rows and columns visible while scrolling through the data. This VBA feature provides a convenient way to manage and navigate through large sets of data in Excel.

## Freeze Panes Using VBA (With Examples)

You can use the following syntax in VBA to freeze specific panes in an Excel worksheet:

### Sub FreezeCertainPanels()

With ActiveWindow

If .FreezePanels Then .FreezePanels = False

.SplitColumn = 0

.SplitRow = 1

.FreezePanels = TrueEnd With

End Sub

The .SplitColumn argument specifies the number of columns (starting from the left) to freeze.

The .SplitRow argument specifies the number of rows (starting from the top) to freeze.

**This particular macro freezes only the first row in the Excel sheet.**

**The following examples show how to use this syntax in practice with the following Excel sheet:**

	A	B	C	D	E	F
1	<b>Team</b>	<b>Points</b>	<b>Assists</b>	<b>Rebounds</b>		
2	Mavs	22	10	11		
3	Heat	25	4	4		
4	Nets	31	4	4		
5	Warriors	10	8	7		
6	Hawks	14	7	6		
7	Thunder	29	12	8		
8	Kings	28	5	8		
9	Lakers	24	8	2		
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### **Example 1: Freeze First Row Using VBA**

**We can create the following macro to freeze the first row in the Excel sheet:**

### **Sub FreezeCertainPanes()**

## With ActiveWindow

If .FreezePanes Then .FreezePanes = False

.SplitColumn = 0

.SplitRow = 1

.FreezePanes = TrueEnd With

End Sub

Once we run this macro, the first row in the sheet becomes frozen:

	A	B	C	D	E	F
1	<b>Team</b>	<b>Points</b>	<b>Assists</b>	<b>Rebounds</b>		
2	Mavs	22	10	11		
3	Heat	25	4	4		
4	Nets	31	4	4		
5	Warriors	10	8	7		
6	Hawks	14	7	6		
7	Thunder	29	12	8		
8	Kings	28	5	8		
9	Lakers	24	8	2		
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No matter how far we scroll, the first row will remain

**visible.**

## **Example 2: Freeze First Column Using VBA**

**We can create the following macro to freeze the first row in the Excel sheet:**

```
Sub FreezeCertainPanes()
```

```
With ActiveWindow
```

```
If .FreezePanes Then .FreezePanes = False
```

```
.SplitColumn = 1
```

```
.SplitRow = 0
```

```
.FreezePanes = TrueEnd With
```

```
End Sub
```

**Once we run this macro, the first column in the sheet becomes frozen:**

	A	B	C	D	E	F
1	<b>Team</b>	<b>Points</b>	<b>Assists</b>	<b>Rebounds</b>		
2	Mavs	22	10	11		
3	Heat	25	4	4		
4	Nets	31	4	4		
5	Warriors	10	8	7		
6	Hawks	14	7	6		
7	Thunder	29	12	8		
8	Kings	28	5	8		
9	Lakers	24	8	2		
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**No matter how far we scroll, the first column will remain visible.**

**Example 3: Freeze Specific Rows and Columns Using VBA**

**We can create the following macro to freeze the first 3 rows and the first 2 columns in the Excel sheet:**

**Sub FreezeCertainPanes()**

**With ActiveWindow**

**If .FreezePanes Then .FreezePanes = False**

```
.SplitColumn = 2  
.SplitRow = 3  
.FreezePanes = True  
End With  
End Sub
```

Once we run this macro, the first 3 rows and first 2 columns in the sheet becomes frozen:

	A	B	C	D	E	F	G
1	<b>Team</b>	<b>Points</b>	<b>Assists</b>	<b>Rebounds</b>			
2	Mavs	22	10	11			
3	Heat	25	4	4			
4	Nets	31	4	4			
5	Warriors	10	8	7			
6	Hawks	14	7	6			
7	Thunder	29	12	8			
8	Kings	28	5	8			
9	Lakers	24	8	2			
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No matter how far we scroll, the first 3 rows and first 2 columns will remain visible.