

How can I select a range starting from the active cell using VBA?

Authored by
stats writer

June 23, 2024

RECOMMENDED CITATION

stats writer (2024). *How can I select a range starting from the active cell using VBA?*. PSYCHOLOGICAL SCALES. Retrieved from <https://scales.arabpsychology.com/?p=149267>

To select a range starting from the active cell using VBA, you can use the "Range" object and specify the starting cell as the active cell. This can be achieved by using the "ActiveCell" property, which returns the currently selected cell. With this method, you can easily manipulate the selected range by using built-in VBA functions and methods. This allows for efficient and precise selection of data within a worksheet, making it a useful tool for automating tasks in Excel.

VBA: Select Range from Active Cell

You can use the following methods in VBA to select a range of cells in Excel starting from the currently active cell:

Method 1: Select Range Down from Active Cell

```
Sub SelectActiveDown()  
Range(ActiveCell, ActiveCell.End(xlDown)).Select  
End Sub
```

This macro will select the range from the active cell down to the last used cell in the column.

Method 2: Select Range Up from Active Cell

```
Sub SelectActiveUp()  
Range(ActiveCell, ActiveCell.End(xlUp)).Select  
End Sub
```

This macro will select the range from the active cell up to the first used cell in the column.

Method 3: Select Range to Right from Active Cell

```
Sub SelectActiveRight()
```

```
Range(ActiveCell, ActiveCell.End(xlToRight)).Select
```

```
End Sub
```

This macro will select the range from the active cell to the last used cell to the right in the same row.

Method 4: Select Range to Left from Active Cell

```
Sub SelectActiveLeft()
```

```
Range(ActiveCell, ActiveCell.End(xlToLeft)).Select
```

```
End Sub
```

This macro will select the range from the active cell to the last used cell to the left in the same row.

The following examples show how to use each method with the following sheet in Excel:

	A	B	C	D	E	F
1	Team	Points	Assists	Rebounds		
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		
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						

Example 1: Select Range Down from Active Cell

Suppose we currently have cell C3 selected.

```
Sub SelectActiveDown()
```

```
Range(ActiveCell, ActiveCell.End(xIDown)).Select
```

```
End Sub
```

When we run this macro, the following range is automatically selected:

	A	B	C	D	E	F
1	Team	Points	Assists	Rebounds		
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		
10						
11						
12						
13						
14						
15						
16						
17						

Notice that the range from cell C3 down to the last used cell in the column is now selected.

Example 2: Select Range Up from Active Cell

Suppose we currently have cell C3 selected.

We can create the following macro to select the range from the active cell up to the first used cell in the column:

Sub SelectActiveUp()

Range(ActiveCell, ActiveCell.End(xlUp)).Select

End Sub

When we run this macro, the following range is automatically selected:

	A	B	C	D	E	F
1	Team	Points	Assists	Rebounds		
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		
10						
11						
12						
13						
14						
15						
16						
17						

Notice that the range from cell C3 up to the first used cell in the column is now selected.

Example 3: Select Range to Right from Active Cell

Suppose we currently have cell B2 selected.

We can create the following macro to select the range

from the active cell to the last used cell to the right in the same row:

```
Sub SelectActiveRight()
```

```
Range(ActiveCell, ActiveCell.End(xlToRight)).Select
```

```
End Sub
```

When we run this macro, the following range is automatically selected:

	A	B	C	D	E	F
1	Team	Points	Assists	Rebounds		
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		
10						
11						
12						
13						
14						
15						
16						
17						
18						

Notice that the range from cell B2 to the last used cell to the right in the same row is now selected.

Example 4: Select Range to Left from Active Cell

Suppose we currently have cell D6 selected.

We can create the following macro to select the range from the active cell to the last used cell to the left in the same row:

```
Sub SelectActiveLeft()  
Range(ActiveCell, ActiveCell.End(xlToLeft)).Select  
End Sub
```

When we run this macro, the following range is automatically selected:

	A	B	C	D	E	F
1	Team	Points	Assists	Rebounds		
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		
10						
11						
12						
13						
14						
15						
16						
17						

Notice that the range from cell D6 to the last used cell to the left in the same row is now selected.