

# How can charts be deleted using VBA, and what are some examples of VBA code for deleting charts?

Authored by  
**stats writer**

June 24, 2024

## RECOMMENDED CITATION

stats writer (2024). *How can charts be deleted using VBA, and what are some examples of VBA code for deleting charts?*. PSYCHOLOGICAL SCALES. Retrieved from <https://scales.arabpsychology.com/?p=150100>

VBA (Visual Basic for Applications) is a programming language used to automate tasks in Microsoft Excel. With VBA, users can manipulate and delete charts within their Excel workbooks. To delete a chart using VBA, the user can use the "Chart.Delete" method, which will remove the selected chart from the worksheet. Alternatively, the "Charts.Delete" method can be used to delete all charts within a workbook.

Some examples of VBA code for deleting charts include:

1. Deleting a specific chart:

```
Sub DeleteSpecificChart()  
ActiveSheet.ChartObjects("Chart 1").Delete  
End Sub
```

2. Deleting all charts on a specific worksheet:

```
Sub DeleteAllCharts()  
Dim cht As ChartObject  
For Each cht In ActiveSheet.ChartObjects  
cht.Delete  
Next cht  
End Sub
```

3. Deleting all charts in a workbook:

```
Sub DeleteAllChartsInWorkbook()  
Dim ws As Worksheet  
Dim cht As ChartObject  
For Each ws In ThisWorkbook.Worksheets  
For Each cht In ws.ChartObjects  
cht.Delete  
Next cht  
Next ws  
End Sub
```

By using VBA, users can easily delete charts in Excel with just a few lines of code, saving time and effort in managing their data and reports.

## Delete Charts Using VBA (With Examples)

**You can use the following methods in VBA to delete**

## **charts in Excel:**

### **Method 1: Delete All Charts on Active Sheet**

```
Sub DeleteActiveSheetCharts()  
ActiveSheet.ChartObjects.Delete  
End Sub
```

**This particular macro will delete all charts from the currently active sheet in Excel.**

### **Method 2: Delete All Charts in Entire Workbook**

```
Sub DeleteAllWorkbookCharts()
```

```
Dim wk As Worksheet
```

```
For Each wk In Worksheets
```

```
If wk.ChartObjects.Count > 0 Then
```

```
wk.ChartObjects.Delete
```

```
End IfNext wk
```

```
End Sub
```

**This particular macro will delete all charts from every**

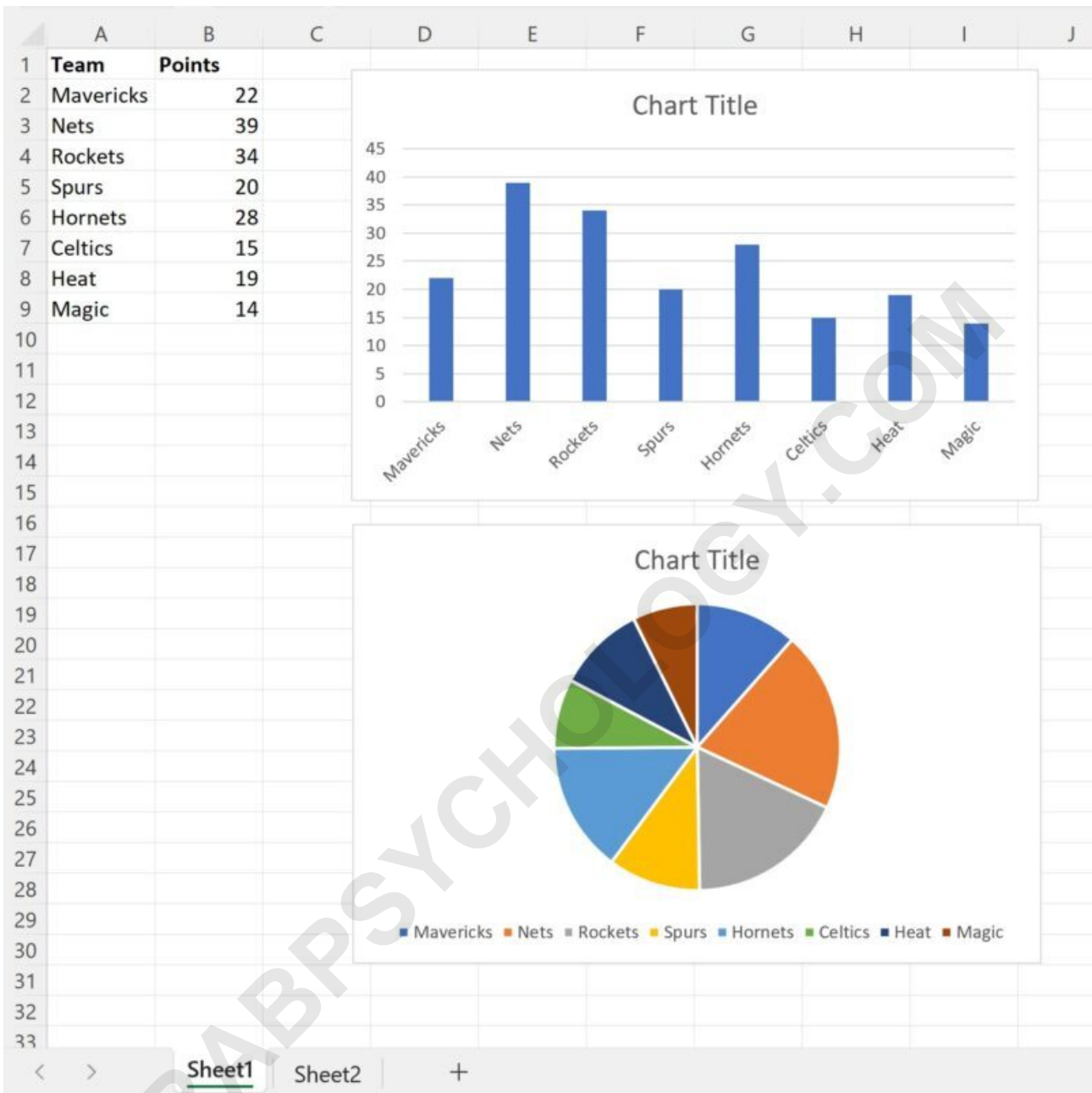
**sheet in the entire Excel workbook.**

**The following examples show how to use each method in practice.**

**Example 1: Delete All Charts on Active Sheet**

**Suppose we have the following sheet in Excel that contains two charts:**

ARABPSYCHOLOGY.COM

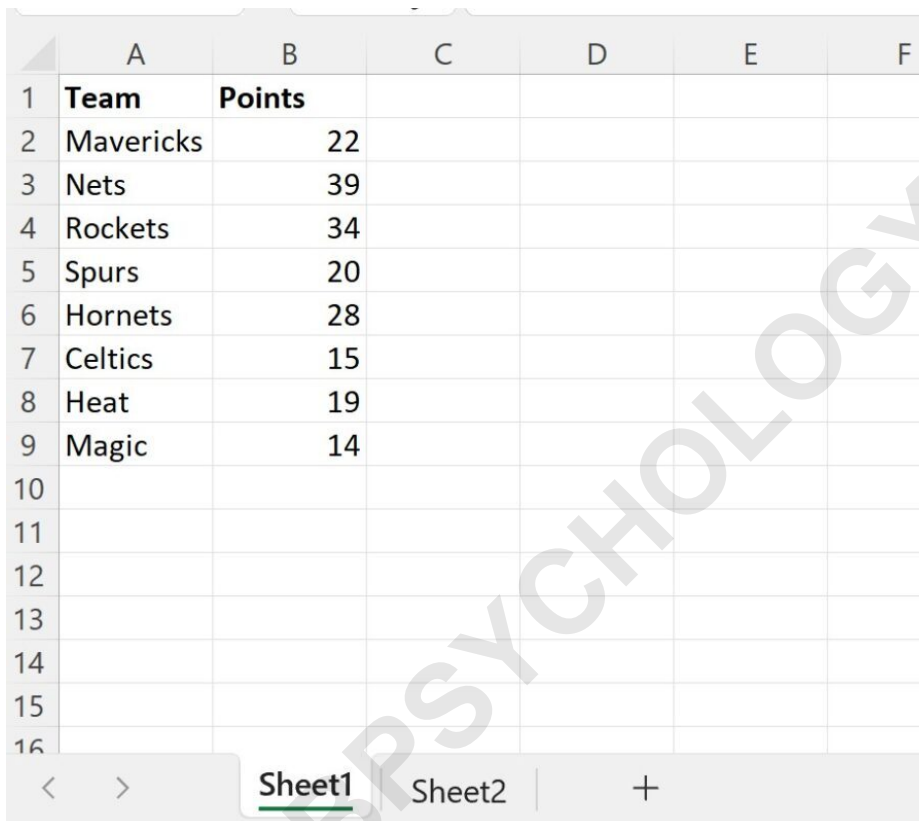


**We can create the following macro to delete all of the charts from this sheet:**

```
Sub DeleteActiveSheetCharts()  
ActiveSheet.ChartObjects.Delete
```

## End Sub

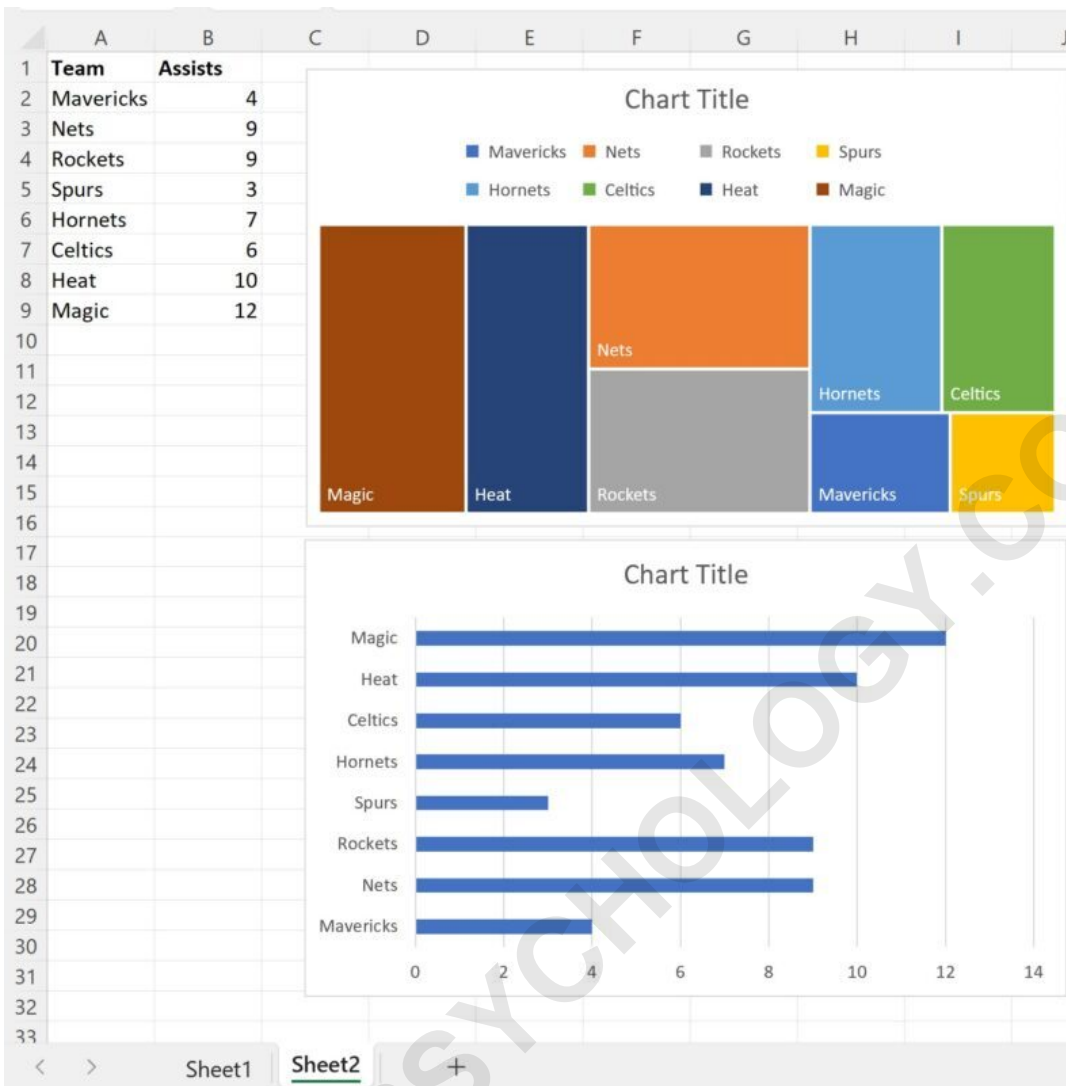
When we run this macro, we receive the following output:



|    | A           | B             | C | D | E | F |
|----|-------------|---------------|---|---|---|---|
| 1  | <b>Team</b> | <b>Points</b> |   |   |   |   |
| 2  | Mavericks   | 22            |   |   |   |   |
| 3  | Nets        | 39            |   |   |   |   |
| 4  | Rockets     | 34            |   |   |   |   |
| 5  | Spurs       | 20            |   |   |   |   |
| 6  | Hornets     | 28            |   |   |   |   |
| 7  | Celtics     | 15            |   |   |   |   |
| 8  | Heat        | 19            |   |   |   |   |
| 9  | Magic       | 14            |   |   |   |   |
| 10 |             |               |   |   |   |   |
| 11 |             |               |   |   |   |   |
| 12 |             |               |   |   |   |   |
| 13 |             |               |   |   |   |   |
| 14 |             |               |   |   |   |   |
| 15 |             |               |   |   |   |   |
| 16 |             |               |   |   |   |   |

Notice that both charts have been deleted from the sheet.

### Example 2: Delete All Charts in Entire Workbook



We can create the following macro to delete all charts from both sheets in the workbook:

**Sub DeleteAllWorkbookCharts()**

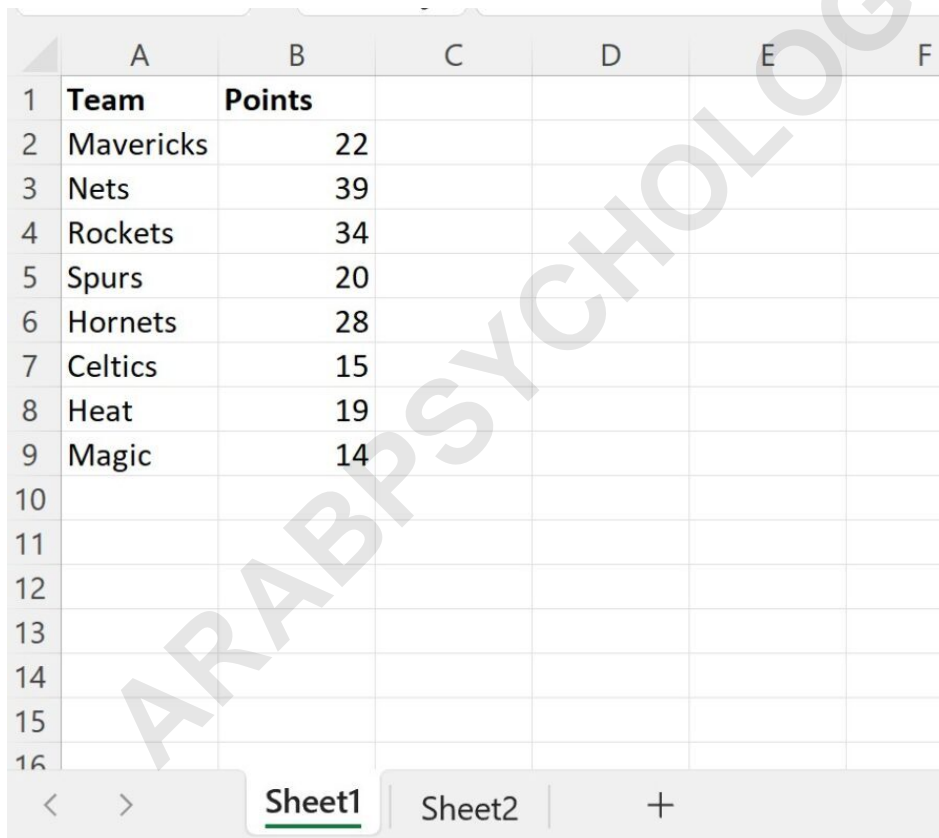
**Dim wk As Worksheet**

**For Each wk In Worksheets**

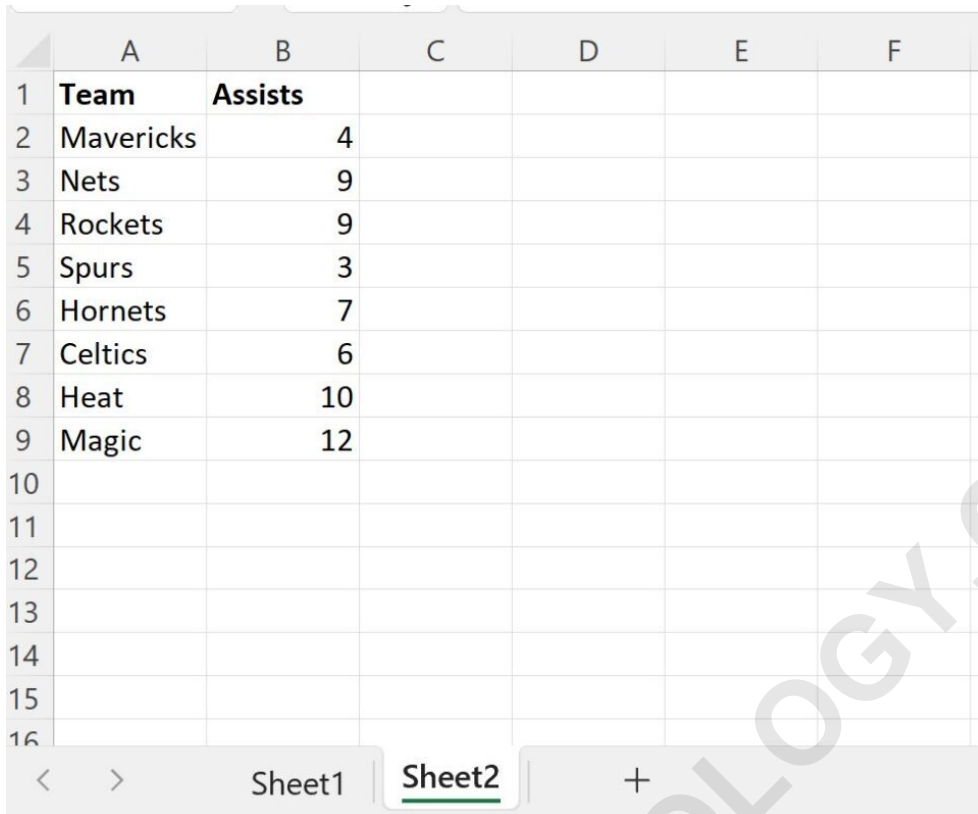
```
If wk.ChartObjects.Count > 0 Then  
wk.ChartObjects.Delete  
End If  
Next wk
```

```
End Sub
```

Once we run this macro, all charts from both sheets will be deleted:



|    | A           | B             | C | D | E | F |
|----|-------------|---------------|---|---|---|---|
| 1  | <b>Team</b> | <b>Points</b> |   |   |   |   |
| 2  | Mavericks   | 22            |   |   |   |   |
| 3  | Nets        | 39            |   |   |   |   |
| 4  | Rockets     | 34            |   |   |   |   |
| 5  | Spurs       | 20            |   |   |   |   |
| 6  | Hornets     | 28            |   |   |   |   |
| 7  | Celtics     | 15            |   |   |   |   |
| 8  | Heat        | 19            |   |   |   |   |
| 9  | Magic       | 14            |   |   |   |   |
| 10 |             |               |   |   |   |   |
| 11 |             |               |   |   |   |   |
| 12 |             |               |   |   |   |   |
| 13 |             |               |   |   |   |   |
| 14 |             |               |   |   |   |   |
| 15 |             |               |   |   |   |   |
| 16 |             |               |   |   |   |   |



The image shows a screenshot of an Excel spreadsheet. The spreadsheet has columns labeled A through F and rows numbered 1 through 16. The data is as follows:

|    | A           | B              | C | D | E | F |
|----|-------------|----------------|---|---|---|---|
| 1  | <b>Team</b> | <b>Assists</b> |   |   |   |   |
| 2  | Mavericks   | 4              |   |   |   |   |
| 3  | Nets        | 9              |   |   |   |   |
| 4  | Rockets     | 9              |   |   |   |   |
| 5  | Spurs       | 3              |   |   |   |   |
| 6  | Hornets     | 7              |   |   |   |   |
| 7  | Celtics     | 6              |   |   |   |   |
| 8  | Heat        | 10             |   |   |   |   |
| 9  | Magic       | 12             |   |   |   |   |
| 10 |             |                |   |   |   |   |
| 11 |             |                |   |   |   |   |
| 12 |             |                |   |   |   |   |
| 13 |             |                |   |   |   |   |
| 14 |             |                |   |   |   |   |
| 15 |             |                |   |   |   |   |
| 16 |             |                |   |   |   |   |

The spreadsheet interface shows 'Sheet1' and 'Sheet2' tabs at the bottom, with 'Sheet2' selected. A watermark 'ARABPSYCHOLOGY.COM' is visible diagonally across the spreadsheet area.

**Note that in this example we only deleted charts from two sheets but this macro will work with an Excel workbook with any number of sheets.**