

How can I delete columns using VBA in Excel?

Authored by
stats writer

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Using VBA (Visual Basic for Applications) in Excel, columns can be easily deleted from a worksheet. This can be done by using the "Columns" property and the "Delete" method of the worksheet object. By specifying the column numbers or range, the VBA code will delete the selected columns, along with any data or formatting present in them. This method provides a quick and efficient way to delete columns in Excel, making it a useful tool for managing and organizing data in a worksheet.

Delete Columns in VBA (With Examples)

You can use the following methods to delete columns in Excel using VBA:

Method 1: Delete One Column

```
Sub DeleteColumns()  
Columns("C").Delete  
End Sub
```

This particular example will delete column C from the current workbook.

Method 2: Delete All Columns in Range

```
Sub DeleteColumns()  
Columns("B:D").Delete  
End Sub
```

This particular example will delete all columns in the

range B through D in the current workbook.

Method 3: Delete Several Specific Columns

```
Sub DeleteColumns()  
Range("B:B, D:D").Delete  
End Sub
```

This particular example will delete columns B and D in the current workbook.

The following examples show how to use each of these methods in practice with the following dataset in Excel:

	A	B	C	D	E	F
1	Team	Points	Assists	Rebounds	Steals	
2	Mavericks	22	4	10	2	
3	Spurs	20	9	7	3	
4	Rockets	24	9	12	3	
5	Nuggets	29	8	13	0	
6	Warriors	35	6	10	1	
7	Blazers	36	12	6	4	
8	Kings	14	7	6	3	
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Example 1: Delete One Column in VBA

We can create the following macro to delete only column C from our dataset:

```
Sub DeleteColumns()  
Columns("C").Delete  
End Sub
```

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

	A	B	C	D	E	F
1	Team	Points	Rebounds	Steals		
2	Mavericks	22	10	2		
3	Spurs	20	7	3		
4	Rockets	24	12	3		
5	Nuggets	29	13	0		
6	Warriors	35	10	1		
7	Blazers	36	6	4		
8	Kings	14	6	3		
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Example 2: Delete All Columns in Range

We can create the following macro to delete all columns in the range from B to D:

```
Sub DeleteColumns()  
Columns("B:D").Delete  
End Sub
```

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

	A	B	C	D	E	F
1	Team	Steals				
2	Mavericks	2				
3	Spurs	3				
4	Rockets	3				
5	Nuggets	0				
6	Warriors	1				
7	Blazers	4				
8	Kings	3				
9						
10						
11						
12						
13						
14						
15						
16						
17						

Notice that each column in the range from B to D (the "Points", "Assists", and "Rebounds" columns) have been deleted from the dataset.

Example 3: Delete Several Specific Columns

We can create the following macro to delete columns B and D from the dataset:

```
Sub DeleteColumns()  
Range("B:B, D:D").Delete  
End Sub
```

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

	A	B	C	D	E	F
1	Team	Assists	Steals			
2	Mavericks	4	2			
3	Spurs	9	3			
4	Rockets	9	3			
5	Nuggets	8	0			
6	Warriors	6	1			
7	Blazers	12	4			
8	Kings	7	3			
9						
10						
11						
12						
13						
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Notice that columns B and D (the "Points" and "Rebounds" columns) have been deleted from the dataset.