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## **The VBA Guide To Excel Pivot Tables**

September 27, 2014 Chris Newman



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### **All About The Pivot Tables!**

Pivot Tables and VBA can be a little tricky initially. Hopefully this guide will serve as a good resource as you try to automate those extremely powerful Pivot Tables in your Excel spreadsheets. Enjoy!

**Create A Pivot Table**



```

Sub CreatePivotTable()
'PURPOSE: Creates a brand new Pivot table on a
new worksheet from data in the ActiveSheet
'Source: www.TheSpreadsheetGuru.com

Dim sht As Worksheet
Dim pvtCache As PivotCache
Dim pvt As PivotTable
Dim StartPvt As String
Dim SrcData As String

'Determine the data range you want to pivot
SrcData = ActiveSheet.Name & "!" &
Range("A1:R100").Address(ReferenceStyle:=xlR1C1)

'Create a new worksheet
Set sht = Sheets.Add

'Where do you want Pivot Table to start?
StartPvt = sht.Name & "!" &
sht.Range("A3").Address(ReferenceStyle:=xlR1C1)

'Create Pivot Cache from Source Data
Set pvtCache =
ActiveWorkbook.PivotCaches.Create( _
    SourceType:=xlDatabase, _
    SourceData:=SrcData)

'Create Pivot table from Pivot Cache
Set pvt = pvtCache.CreatePivotTable( _
    TableDestination:=StartPvt, _
    TableName:="PivotTable1")

End Sub

```

## Delete A Specific Pivot Table

```

Sub DeletePivotTable()
'PURPOSE: How to delete a specifc Pivot Table
'SOURCE: www.TheSpreadsheetGuru.com

'Delete Pivot Table By Name
ActiveSheet.PivotTables("PivotTable1").TableRange2.Clear

End Sub

```

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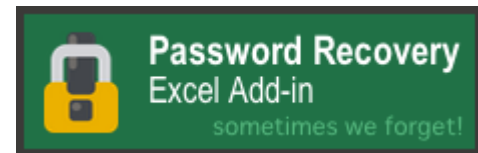
## Delete All Pivot Tables

```
Sub DeleteAllPivotTables()  
'PURPOSE: Delete all Pivot Tables in your  
Workbook  
'SOURCE: www.TheSpreadsheetGuru.com  
  
Dim sht As Worksheet  
Dim pvt As PivotTable  
  
'Loop Through Each Pivot Table In Currently  
Viewed Workbook  
For Each sht In ActiveWorkbook.Worksheets  
    For Each pvt In sht.PivotTables  
        pvt.TableRange2.Clear  
    Next pvt  
Next sht  
  
End Sub
```

## Add Pivot Fields

```
Sub Adding_PivotFields()  
'PURPOSE: Show how to add various Pivot Fields to  
Pivot Table  
'SOURCE: www.TheSpreadsheetGuru.com  
  
Dim pvt As PivotTable  
  
Set pvt = ActiveSheet.PivotTables("PivotTable1")  
  
    'Add item to the Report Filter  
    pvt.PivotFields("Year").Orientation =  
xlPageField  
  
    'Add item to the Column Labels  
    pvt.PivotFields("Month").Orientation =  
xlColumnField  
  
    'Add item to the Row Labels  
    pvt.PivotFields("Account").Orientation =  
xlRowField  
  
    'Position Item in list  
    pvt.PivotFields("Year").Position = 1  
  
    'Format Pivot Field  
    pvt.PivotFields("Year").NumberFormat =  
"#,##0"
```

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---

```
'Turn on Automatic updates/calculations --like
screenupdating to speed up code
pvt.ManualUpdate = False

End Sub
```

## Add Calculated Pivot Fields

```
Sub AddCalculatedField()
'PURPOSE: Add a calculated field to a pivot table
'SOURCE: www.TheSpreadsheetGuru.com

Dim pvt As PivotTable
Dim pf As PivotField

'Set Variable to Desired Pivot Table
Set pvt =
ActiveSheet.PivotTables("PivotTable1")

'Set Variable Equal to Desired Calculated Pivot
Field
For Each pf In pvt.PivotFields
If pf.SourceName = "Inflation" Then Exit For
Next

'Add Calculated Field to Pivot Table
pvt.AddDataField pf

End Sub
```

## Add A Values Field

```
Sub AddValuesField()
'PURPOSE: Add A Values Field to a Pivot Table
'SOURCE: www.TheSpreadsheetGuru.com

Dim pvt As PivotTable
Dim pf As String
Dim pf_Name As String

pf = "Salaries"
pf_Name = "Sum of Salaries"
```



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```
Set pvt = ActiveSheet.PivotTables("PivotTable1")

pvt.AddDataField pvt.PivotFields("Salaries"),
pf_Name, xlSum

End Sub
```

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## The VBA Guide To Excel Pivot Tables

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## Remove Pivot Fields

```
Sub RemovePivotField()
'PURPOSE: Remove a field from a Pivot Table
'SOURCE: www.TheSpreadsheetGuru.com

'Removing Filter, Columns, Rows
ActiveSheet.PivotTables("PivotTable1").PivotFields("Year").Orientation
= xlHidden

'Removing Values
ActiveSheet.PivotTables("PivotTable1").PivotFields("Sum
of Salaries").Orientation = xlHidden

End Sub
```

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3 YEARS AGO



Follow @ChrisMacro

## Remove Calculated Pivot Fields

```
Sub RemoveCalculatedField()
'PURPOSE: Remove a calculated field from a pivot
table
'SOURCE: www.TheSpreadsheetGuru.com

Dim pvt As PivotTable
Dim pf As PivotField
Dim pi As PivotItem

'Set Variable to Desired Pivot Table
Set pvt =
ActiveSheet.PivotTables("PivotTable1")

'Set Variable Equal to Desired Calculated Data
Field
For Each pf In pvt.DataFields
If pf.SourceName = "Inflation" Then Exit For
```

Next

```
'Hide/Remove the Calculated Field
pf.DataRange.Cells(1, 1).PivotItem.Visible =
False

End Sub
```

## Report Filter On A Single Item

```
Sub ReportFiltering_Single()
'PURPOSE: Filter on a single item with the Report
Filter field
'SOURCE: www.TheSpreadsheetGuru.com

Dim pf As PivotField

Set pf =
ActiveSheet.PivotTables("PivotTable2").PivotFields("Fiscal_Year")

'Clear Out Any Previous Filtering
pf.ClearAllFilters

'Filter on 2014 items
pf.CurrentPage = "2014"

End Sub
```

## Report Filter On Multiple Items

```
Sub ReportFiltering_Multiple()
'PURPOSE: Filter on multiple items with the
Report Filter field
'SOURCE: www.TheSpreadsheetGuru.com

Dim pf As PivotField

Set pf =
ActiveSheet.PivotTables("PivotTable2").PivotFields("Variance_Level_1")

'Clear Out Any Previous Filtering
pf.ClearAllFilters
```

```

'Enable filtering on multiple items
pf.EnableMultiplePageItems = True

'Must turn off items you do not want showing
pf.PivotItems("Jan").Visible = False
pf.PivotItems("Feb").Visible = False
pf.PivotItems("Mar").Visible = False

End Sub

```

## Clear Report Filter

```

Sub ClearReportFiltering()
'PURPOSE: How to clear the Report Filter field
'SOURCE: www.TheSpreadsheetGuru.com

Dim pf As PivotField

Set pf =
ActiveSheet.PivotTables("PivotTable2").PivotFields("Fiscal_Year")

'Option 1: Clear Out Any Previous Filtering
pf.ClearAllFilters

'Option 2: Show All (remove filtering)
pf.CurrentPage = "(All)"

End Sub

```

## Refresh Pivot Table(s)

```

Sub RefreshingPivotTables()
'PURPOSE: Shows various ways to refresh Pivot
Table Data
'SOURCE: www.TheSpreadsheetGuru.com

'Refresh A Single Pivot Table
ActiveSheet.PivotTables("PivotTable1").PivotCache.Refresh

'Refresh All Pivot Tables
ActiveWorkbook.RefreshAll

End Sub

```

---

## Change Pivot Table Data Source Range

```
Sub ChangePivotDataSourceRange()  
'PURPOSE: Change the range a Pivot Table pulls  
from  
'SOURCE: www.TheSpreadsheetGuru.com  
  
Dim sht As Worksheet  
Dim SrcData As String  
Dim pvtCache As PivotCache  
  
'Determine the data range you want to pivot  
Set sht = ThisWorkbook.Worksheets("Sheet1")  
SrcData = sht.Name & "!" &  
Range("A1:R100").Address(ReferenceStyle:=xlR1C1)  
  
'Create New Pivot Cache from Source Data  
Set pvtCache =  
ActiveWorkbook.PivotCaches.Create( _  
    SourceType:=xlDatabase, _  
    SourceData:=SrcData)  
  
'Change which Pivot Cache the Pivot Table is  
referring to  
ActiveSheet.PivotTables("PivotTable1").ChangePivotCache  
(pvtCache)  
  
End Sub
```

## Grand Totals

```
Sub PivotGrandTotals()  
'PURPOSE: Show setup for various Pivot Table  
Grand Total options  
'SOURCE: www.TheSpreadsheetGuru.com  
  
Dim pvt As PivotTable  
  
Set pvt = ActiveSheet.PivotTables("PivotTable1")
```



```
'Off for Rows and Columns
pvt.ColumnGrand = False
pvt.RowGrand = False

'On for Rows and Columns
pvt.ColumnGrand = True
pvt.RowGrand = True

'On for Rows only
pvt.ColumnGrand = False
pvt.RowGrand = True

'On for Columns Only
pvt.ColumnGrand = True
pvt.RowGrand = False

End Sub
```

## Report Layout

```
Sub PivotReportLayout()
'PURPOSE: Show setup for various Pivot Table
Report Layout options
'SOURCE: www.TheSpreadsheetGuru.com

Dim pvt As PivotTable

Set pvt = ActiveSheet.PivotTables("PivotTable1")

'Show in Compact Form
pvt.RowAxisLayout xlCompactRow

'Show in Outline Form
pvt.RowAxisLayout xlOutlineRow

'Show in Tabular Form
pvt.RowAxisLayout xlTabularRow

End Sub
```

## Formatting A Pivot Table's Data

```

Sub PivotTable_DataFormatting()
'PURPOSE: Various ways to format a Pivot Table's
data
'SOURCE: www.TheSpreadsheetGuru.com

Dim pvt As PivotTable

Set pvt = ActiveSheet.PivotTables("PivotTable1")

'Change Data's Number Format
pvt.DataBodyRange.NumberFormat = "#,##0;
(,##0)"

'Change Data's Fill Color
pvt.DataBodyRange.Interior.Color = RGB(0, 0, 0)

'Change Data's Font Type
pvt.DataBodyRange.Font.FontStyle = "Arial"

End Sub

```

## Formatting A Pivot Field's Data

```

Sub PivotField_DataFormatting()
'PURPOSE: Various ways to format a Pivot Field's
data
'SOURCE: www.TheSpreadsheetGuru.com

Dim pf As PivotField

Set pf =
ActiveSheet.PivotTables("PivotTable1").PivotFields("Months")

'Change Data's Number Format
pf.DataRange.NumberFormat = "#,##0;(,##0)"

'Change Data's Fill Color
pf.DataRange.Interior.Color = RGB(219, 229,
241)

'Change Data's Font Type
pf.DataRange.Font.FontStyle = "Arial"

End Sub

```

## Expand/Collapse Entire Field Detail

```
Sub PivotField_ExpandCollapse()  
'PURPOSE: Shows how to Expand or Collapse the  
detail of a Pivot Field  
'SOURCE: www.TheSpreadsheetGuru.com  
  
Dim pf As PivotField  
  
Set pf =  
ActiveSheet.PivotTables("PivotTable1").PivotFields("Month")  
  
'Collapse Pivot Field  
pf.ShowDetail = False  
  
'Expand Pivot Field  
pf.ShowDetail = True  
  
End Sub
```

## More Great Posts Dealing with Pivot Table VBA

- [Quickly Change Pivot Table Field Calculation From Count To Sum](#)
- [Dynamically Change A Pivot Table's Data Source Range](#)
- [Dynamically Change Every Pivot Table Data Source Range Inside A Workbook](#)
- [5 Different Ways To Find The Last Row Or Last Column Using VBA](#)
- [Filtering Pivots Based On External Ranges \(DailyDoseOfExcel\)](#)
- [Inversely Filter A Pivot Based On An External Range \(DailyDoseOfExcel\)](#)

## Any Other Functionalities You Would Like To See?

I believe I was able to cover all the main pivot table VBA functionalities in this article, but there is so much you can do with pivot tables! Leave a comment below if you would like to see something else covered in this guide.



Check out my brand new Excel add-in that allows you to automate creating your monthly PowerPoint slides!

## How Do I Modify This To Fit My Specific Needs?

Chances are this post did not give you the exact answer you were looking for. We all have different situations and it's impossible to account for every particular need one might have. That's why I want to share with you: **My Guide to Getting the Solution to your Problems FAST!** In this article, I explain the best strategies I have come up with over the years to getting quick answers to complex problems in Excel, PowerPoint, VBA, *you name it!*

I highly recommend that you check **this guide** out before asking me or anyone else in the comments section to solve your specific problem. I can guarantee 9 times out of 10, one of my strategies will get you the answer(s) you are needing faster than it will take me to get back to you with a possible solution. I try my best to help everyone out, but sometimes I don't have time to fit everyone's questions in (there never seem to be quite enough hours in the day!).

I wish you the best of luck and I hope this tutorial gets you heading in the right direction!

Chris "Macro" Newman :)

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**Kiwi overseas** • 3 years ago

This is fabulous, This is exactly the information I'm needing to build reports for a project at work. I appreciate the clear commenting and your straightforward stick-to-the-fundamentals examples. These are enough to get a beginner, like me, going.

2 ^ | ▾ • Reply • Share ›



**Chris** Mod → Kiwi overseas  
• 3 years ago

Thank you for the feedback Kiwi!

^ | ▾ • Reply • Share ›



**Marcel Haller** • a year ago

A really straight forward tutorial ! Many thanks, this is very usefull and perfectly explained !

1 ^ | ▾ • Reply • Share ›



**Chris** Mod → Marcel Haller • a year ago

Thanks for the feedback Marcel and I'm

so glad to hear this post helped you!

^ | v • Reply • Share ›



**dan** • 3 years ago

Thank you for the guide, very useful. When filtering multiple items, is there a way to select items that you do want to see, rather than turning off items that you don't want to see? I have hundreds of items I don't want to see, and these items change each time, and only 6 items I do want to see.

1 ^ | v • Reply • Share ›



**Chris** Mod → dan • 3 years ago

I'm currently writing an article about this. I will let you know when it is posted.

^ | v • Reply • Share ›



**Chris** Mod → Chris  
• 3 years ago

Just posted an article on VBA and Advanced Filters. This should help you add the capability of filtering specific criteria. <http://bit.ly/19q2iBz>

^ | v • Reply • Share ›



**Alex** → Chris  
• a year ago

Watch this

```
Sub Macro1()
```

```
Dim Tbl1 As PivotTable
```

```
Dim Itm1 As PivotItem
```

```
Set Tbl1 =
```

```
Worksheets("Hoja1").Pivot
```

```
Tbl1.PivotFields("Campo1
```

```
Tbl1.PivotFields("Campo1  
= True
```

```
For Each Itm1 In
```

```
Tbl1.PivotFields("Campo1
```

```
If Itm1.Name = "Texto1"
```

```
Then
```

```

.....
'Nothing
Else If Itm1.Name =
"Texto2" Then
'Nothing
...
...(Repeat code)
...
Else
Itm1.Visible = False
End If

Next

End Sub
1 ^ | v • Reply • Share ›

```



**Lalit Bhandary** • 2 months ago

How do I use multiple field filter? I saw multiple item but not multiple fields, can you please demonstrate by coding. Thanks

^ | v • Reply • Share ›



**Jorge Bejarano Hermoza** • 4 months ago

Good afternoon, please where can I get the file with the data in order to apply the solutions you give for this Excel Pivots Tables topic. Please tell me where I can download it. Thank you very much for your understanding  
Greetings from Peru Jorge  
Note: This is a translation with Google Translate

^ | v • Reply • Share ›



**Todd Choi** • 5 months ago

Everything looks great, but for some odd reason there are moments when the macro does not work. I would use it perfectly fine one day and then the next there would be an error. please refer to the following code:

```

Sub ShortagePivotTable()

Dim sht As Worksheet
Dim pvtCache As PivotCache
Dim pvt As PivotTable
Dim StartPvt As String
Dim SrcData As String

```

```
SrcData = ActiveSheet.Name & "!" &  
ActiveSheet.UsedRange.Address(ReferenceSty
```

```
Set sht = Sheets.Add
```

---

[see more](#)

^ | v • Reply • Share ›



**David S. Savioz** • 6 months ago

Thanks for the code!

However, I still have an issue when I tried to update the row and column field in my Pivot table based on the value of two different cells. It works fine for the main filter which is the Region and then block on the categ part (pfcats.CurrentPage = categ)

Does anyone have an idea why?

-----

```
Private Sub Worksheet_Change(ByVal Target  
As Range)
```

```
Dim pvt As PivotTable  
Dim pf As PivotField  
Dim pfcats As PivotField  
Dim pfcomp As PivotField  
Dim region As String
```

---

[see more](#)

^ | v • Reply • Share ›



**Walt Herman** • 10 months ago

Nice work, thanks so much for sharing. I have an "Worksheet Activate" macro which is failing with an invalid procedure call error. I am using a BITool which creates a "copy" of the template worksheet, the source data comes from the BITool but in the process the pivot table source range becomes corrupted with a reference to what I can only describe as an "interim" filename and sheet and cell reference hence the need for my always having to edit the source reference. Do you have a moment to share your perspective? In any event, thanks so much for sharing all of this great info on VBA for PivotTables



for PivotTables...

```
Private Sub Worksheet_Activate()
```

```
Application.Goto Reference:="Sheet2!R1C1"
```

```
ActiveSheet.PivotTables("PivotTable2").ChangeL  
ActiveWorkbook. _
```

```
PivotCaches.Create(SourceType:=xlDatabase,  
SourceData:="Sheet1!DATABASE" _
```

```
, Version:=xlPivotTableVersion15)
```

```
ActiveSheet.PivotTables("PivotTable2").PivotCa
```

```
End Sub
```

^ | v • Reply • Share ›



**Lori** • 10 months ago

Marcel,

Perhaps I am missing something, but this link looks like a data refresh and not a change in my pivot tables' Data Source Range, or the range from which the pivot table pulls all the data I use to display my data.

^ | v • Reply • Share ›



**Marcel Haller** • a year ago

Hi Lori, ok I understood wrong. To refresh 1 single table with VBA you can use a command like this:

```
Worksheets("tabel").PivotTables("Tabella_pivot_
```

The side below explain pretty well ho to do this for all tables in one time:

<http://www.globaliconnect.c...>

Hope this will help you

^ | v • Reply • Share ›



**Lori** → Marcel Haller • a year ago

Hi Marcel. Thank you for your response. I appreciate it. Allow me to clarify. My workbook is filled with 100+ pivot tables located on multiple worksheets. All of these pivot tables share the SAME data source range: "G2!\$C\$3:\$CLJ\$7". I want the ability to change that range in

ALL pivot tables whenever there is a need (for example, to:

G1!\$C\$6:\$CLK\$15).

Ideally, I want to click a button that will ask me to enter a new "Data Source Range" and once done, the VBA code will change the range for ALL of the pivot tables within my workbook so that, instead of just looking at FY14 data, my pivot charts would present FY 17 data (or whatever range I request).

Chris appears to have accomplished this, more or less, for ONE worksheet (see: Change Pivot Table Data Source Range within this article). However, I need it to do it for ALL of my pivot tables in my workbook.

^ | v • Reply • Share ›



**Marcel Haller** ➔ Lori  
• a year ago

Ok, Lori, in the end it's not so difficult. On the sheet with your data put this code and every table will be update after any update in your data:

```
Private Sub  
Worksheet_Change(ByVal Target  
As Range)  
'Refresh All Pivot Tables  
ThisWorkbook.RefreshAll  
End Sub
```

Hope this will help you,  
Marcel

^ | v • Reply • Share ›



**Marcel Haller** ➔ Lori  
• a year ago

Hi Lori, that's clear and I understand what you mean. This is not to difficult with some vba code. I will work it out for you this weekend.

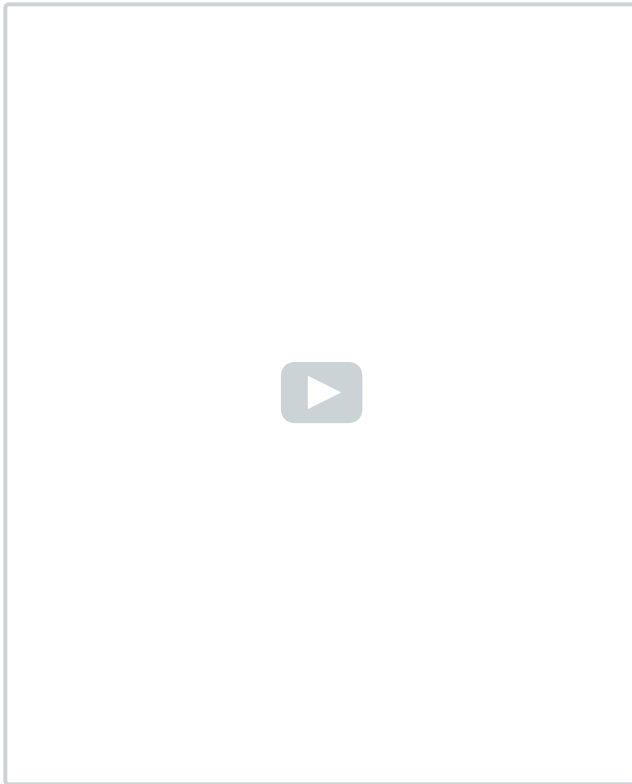
^ | v • Reply • Share ›



**Marcel Haller** • a year ago



Hi Lori, I can suggest you this video, which answer your question and is also very well explained:



^ | v • Reply • Share ›



**Lori** ➔ Marcel Haller • a year ago

Unfortunately, that page is blocked on my work computer. :-(  
Is this the following the correct address?  
<https://cdn.embedly.com>  
If so, any other suggestions?

^ | v • Reply • Share ›



**Lori** ➔ Lori • a year ago

Marcel, for some reason this video finally opened. I wasn't questioning the creation of pivot charts. My question is how to convert the VBA code he Chris has listed to automatically work for all of the pivot tables in my workbook. I also want it to pop up a question for the range, so all I have to do is input that information and it knows that data source range to use. I do not have any formal education

with VBA, so I only know enough to get a few things accomplished.

^ | v • Reply • Share ›



**Lori** • a year ago

Re: Change Pivot Table Data Source Range

Hi Chris,

I have a workbook that is filled with Pivot Tables. All of those tables use the same data source range. How would I set this up so that I can have all of my tables updated at the same time. I haven't had a chance to play with what you have posted so far, but I'd like something where I can just list the range and push a button.

Please advise,

Lori

^ | v • Reply • Share ›



**Gabee** • a year ago

I have the filter set to only show 1 item out of thousands to calculate something. I need to be able to change the filter using a Macro to go through each item. How can I do that?

^ | v • Reply • Share ›



**pramod dsrb** • a year ago

This guide is Awesome!! I'm wondering if it is possible to refer to the Pivot Fields in the Report Filter. What I'm asking is, to refer to the Pivot fields in Row Label, we use: `pt.RowFields(1).PivotItems`. Similarly do we have anything to refer to the fields in report filter?

^ | v • Reply • Share ›



**Michael New** • a year ago

Thank you for the tutorials. I wonder if you can help with setting the background color of a pivot field? I have successfully added a field and moved it to a different position. However, the header value should have the same bgcolor as my other fields, but it does not. Any ideas? My Code:

```
ThisWorkbook.Worksheets(sheetPivot).PivotTab  
RowFields:="Spacing", AddToTable:="True"
```

With  
ThisWorkbook.Worksheets(sheetPivot).PivotTab  
.Orientation = xlRowField  
.Position = 6  
End With  
^ | v • Reply • Share ›

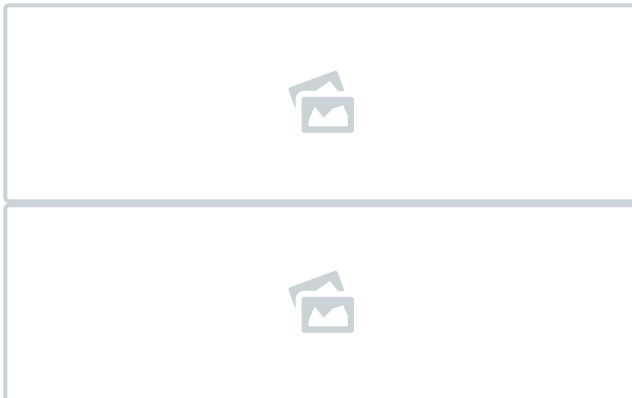


**Deepthi Kunhappan** • a year ago

Hey Chris! Thank you so much for this.. I was particularly looking for the add a value field. could you help me with my query I have and I been struggling with this for quite some time. I am not a VBA professional and have been learning all that I can online.

Below is a table that I would like to create using VBA, I have managed to get a very basic report using VBA but cant seem to get this one. As you can the the the second row fields there are a lot of value parameters. Can you please help me in figuring out how I can get these Value fields into a second column rather than in one row so that I can filter these? I hope this is possible.

kindly advise



^ | v • Reply • Share ›



**Mario** • a year ago

Hi, thanks for all this information, but. i have a question or you may explain how to do it. i want to filter information on the pivot table using as a reference the information on an specific cell so when i run the macro the pivot table will be updated and will use the specific cell to filter the data.

if you have time to put an example of it i will

really appreciate it thanks :D

^ | v • Reply • Share ›



**Greg** • a year ago

Question about Report Filter on a single item. If I have a variable that references a cell on another worksheet versus "2014" what format does it need to be in to work? I'm struggling with getting this to the correct format for it to process. I've tried Variant, String, and Integer but none seem to be working for me.

^ | v • Reply • Share ›



**clark kevin Songcaya** • a year ago

Thanks this is very helpful. You're great. I want to know if you also have for pivot data filter? Thanks in advance. :-)

^ | v • Reply • Share ›



**Bryan Wacker** • 2 years ago

Great article. I do have a couple questions. Is there a way to maintain settings that I changed for a value when I remove from and then add back into a pivot table? For instance, I have Sales \$ as a metric which defaults to Count/General number format. I changed it to Sum/Currency number format however when I pull it out of the pivot table and then put it back in, it reverts back to Count/General number format. Anyway to get this to stop?

I also have time periods across the top of my pivot table and I have my rows sorted on Sales \$ within a specific time period. When I remove that time period my sorting goes away (which makes sense), but is there anyway to have it sort on Sales \$ within another time period if I remove the original sorted time period?

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**EH Chew** • 2 years ago

Cool stuff... I love it :) I found some of them very useful. Thanks

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**Chris** Mod ➔ EH Chew • 2 years ago



Glad you found it useful!

^ | v • Reply • Share ›



**Third From The Sun** • 2 years ago

Is there a programmatic way to select the criteria of a PivotTable?

I have a series of Pivots in separate worksheets all referencing the same data in another worksheet. The associated Pivot charts have been copied into a single multi-panel worksheet for printing as a single page. I'd like to select the criteria in one pivot (or elsewhere) and have all the pivots update to the same criteria, so the multi-panel plots are all based on the same slice through the data (e.g., for a selected year, city, department).

thanks for any tips!

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**Deep Dave** • 2 years ago

For the Topic Report Filter On A Single Item

It does not work when the Item to be filtered is a Date.

Can you guide how to filter dates?

For Example this code -

```
Sub PivotDates()
```

```
Dim PT As PivotTable, WS As Worksheet, PI As PivotItem
```

```
For Each WS In ThisWorkbook.Worksheets
```

```
For Each PT In WS.PivotTables
```

```
With PT
```

```
.ClearAllFilters
```

```
.PivotFields("Date").PivotItems = Format(Date, "d-mmm-yy")
```

```
End With
```

```
Next PT
```

```
Next WS
```

```
End Sub
```

^ | v • Reply • Share ›



**Dr. Demento** • 2 years ago

Chris,

Solid work, as always.

As usual, I'm trying to combine pieces of your code but botching it. Could you help me to merge the CreatePivot using LastRow and/or LastCol instead of hardcoding the range in? I'm running thru multiple worksheets where the data is structured identically (columns are same in each ws), but have differing number of rows. Thanks much, sir!

Nevermind - I found it on your Dynamic Auto-Adjusting VBA Range post. :-p

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**Karen Franklin** • 2 years ago

I'm trying to get VBA code to compare 2 pivot tables in the same sheet and highlight the differences between pivot table 2 (after) and pivot table 1 (before). The ranges could change meaning there could be more values in the after table than in the before table.

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**jesus5150** • 2 years ago

I need to have one pivot table filter change several other pivot table filters and they are from different data sources. Is that possible?

Thanks

^ | v • Reply • Share ›

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