

Re: Autosort, but keep Row 1 seperate

Source: <http://www.tech-archive.net/Archive/Excel/microsoft.public.excel.misc/2007-01/msg01898.html>

- *From:* Orangepegs <Orangepegs@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Mon, 15 Jan 2007 12:33:01 -0800
-

I think you're right. The formula I'm using is in a cell that is sorted. Is there a way to have a cell default to a certain formula? Do I need to create a macro button or something?

Thanks,

"Dave Peterson" wrote:

I still don't think that it's the formula that's causing the problem. My guess is that you're including that row in the range to sort (and it's not the header row).

Orangepegs wrote:

It could be because I'm putting the code directly into a cell rather than putting it in the sheets coding with everything else related to the autosort. Problem is, I don't really know how to utilize that aspect of Excel, and I don't know where to input my average code, or even if that code changes when putting it in there rather than the actual cell. Regardless, my code doesn't actually disappear. Instead, it sorts into the row that the rest of the information moves to.

Oh, and just so you know, I moved my input row to 3 because the formatting of my input row changes according to the row just above it (so the formatting of my header was affecting the coding of line 2). So I just changed the input line to 3, left 2 blank, and reduced it so it's not visible. That seemed to have taken care of the problem. Anyhow, is there something I can do about this formula, or am I going about this the wrong way?

Thanks,

"Dave Peterson" wrote:

Re: Autosort, but keep Row 1 separate

I would think that sorting rows 3 to whatever would mean that whatever is in row 2 will never change.

I guess I don't understand why it does for you—did you try the code changes?

Orangepegs wrote:

I think we're close to what I'm trying to accomplish... I am a recruiter, and I'm trying to create a spreadsheet for my candidates to categorize them based on skillset, qualifications, and rankings. The overall ranking is where the average formula comes into play. This is similar to what my spreadsheet looks like (The three determining factors on this, however, would be columns B and G (for simplicity's sake I reduced and rearranged columns for this example. I want it to sort by Status first, then Overall):

```
A B C D E
F G
1- Name: Status: Attitude: Comm: Apprnc:
Experience:
Overall: (etc)
2- Jon A 10 4 7
10
3- Mary A 9 9 8
6 8
4- Kim A 7 1 1
1 2.5
5- Paul U 2 1 4
4 2.8
```

As my coding states, the header (which is frozen) is in Row 1, and the input line is Row 2. On Column S, when I enter in any letter and press enter, it inserts everything in Row 2 to the appropriate row within the worksheet. The overall score is one of the sorting factors, but I want it to be based off of an average from columns C through F. Is there a place in the coding I can input a code to be sure that G2 is averaging C2:F2?

Re: Autosort, but keep Row 1 separate

I might be approaching this from the wrong angle, but I'm new to the page coding thing, and all I really know are basic formulas.

Thanks,

Orangepegs

"Dave Peterson" wrote:

It sounds like your headers are in row 1, you have the =average() formulas in row 2 and the data in rows 3:xxxx.

You could sort rows 3 to xxxx and turn headers to off.

I like to do something like:

```
dim LastRow as long
dim RngToSort as range
with
worksheets("sheet9999")
lastrow =
.cells(rows.count,"A").end(xlup).row
set rngtosort = .range("a3:s"
& lastrow)
with rngtosort
Key1:=.columns(7),
order1:=xlDescending, _
Key2:=.columns(11),
order2:=xlDescending, _
Key3:=.columns(12),
order3:=xlDescending, _
header:=xlno
end with
end with
```

===

PS. Another thing you may want to consider. Put your average formulas in Row 1. Put the headers in Row 2.

Then select A3 and window|Freeze panes.

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Then the averages will always be visible above the headers. And the averages look like they're not part of the data.

PPS. And you may want to consider using =subtotal(1,...) as your average formulas. If you apply data|filter|autofilter, then this function will ignore the hidden rows. Kind of neat if you're looking at only certain categories.

Orangepegs wrote:

That was very helpful, thank you. It solved the header issue. However, there is one more issue at hand. The cell G2 is meant to average a2:f2. Whenever the autosort kicks in, it leaves G2 as a blank cell with no more formula. Is there a way to correct that?

Thanks,

Re: Autosort, but keep Row 1 seperate

Orangepegs

"Dave
Peterson"
wrote:

I'm
not
sure
what
you're
doing
with
"Key1:=Range("G2,k2,l2")",
but
if
you
really
meant
to
sort
by
3
key
fields,
you'll
want
to
use
Key1,
key2,
key3.

And
one
of
the
options
when
you
sort
is
to
allow
excel
to
guess
at
the
header

Re: Autosort, but keep Row 1 seperate

row.
Since
you
know
your
data
has
headers,
just
tell
excel
that
in
your
code:

```
Columns("A:S").Sort  
-  
Key1:=Range("G2"),  
order1:=xlDescending,  
-  
Key2:=Range("k2"),  
order2:=xlDescending,  
-  
Key3:=Range("l2"),  
order3:=xlDescending,  
-  
header:=xlYes
```

Orangepegs
wrote:

I've
figured
out
how
to
autosort
my
columns,
but
there
are
two
problems:
I
can't
seem

Re: Autosort, but keep Row 1 separate

to
do
it
without
messing
up
my
frozen
window
pane
in
Row
1
(this
describes
the
information
in
the
spreadsheet),
and
I
want
an
"average"
formula
to
populate
one
of
the
cells
I
use
in
the
autosort
formula
(It
disappears
every
time
the
autosort
function
kicks
in).

Anyhow,
here's
the

Re: Autosort, but keep Row 1 seperate

formula

I

came

up

with.

The

main

problem

is

with

the

first

row

being

included

in

the

sort.

I

thought

I

had

it

covered,

but

obviously

it

doesn't

work.

Private

Sub

Worksheet_Change(ByVal

Target

As

Range)

If

Intersect(Target,

Range("S2"))

Is

Nothing

Then

Exit

Sub

End

If

Application.EnableEvents

=

False

Columns("A:S").Sort

Re: Autosort, but keep Row 1 seperate

```
Key1:=Range("G2,k2,l2"),  
order1:=xlDescending  
Range("A2:S2").Insert  
Shift:=xlDown  
Application.EnableEvents  
=  
True  
End  
Sub
```

Any
and
all
help
is
much
appreciated!

Dave
Peterson

Dave Peterson

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Dave Peterson

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Dave Peterson