

Re: Autosort, but keep Row 1 separate

## Re: Autosort, but keep Row 1 separate

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*Source:* <http://www.tech-archive.net/Archive/Excel/microsoft.public.excel.misc/2007-01/msg02091.html>

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- *From:* Dave Peterson <petersod@xxxxxxxxxxxxxxxxxxxx>
  - *Date:* Tue, 16 Jan 2007 12:44:44 -0600
- 

Actually, I don't understand why just sorting rows 4 to whatever won't work.

Maybe you should post the code that you're using.

Orangepegs wrote:

I guess I don't really follow. The way it's set up, lines 1 and 2 are headers, line 3 is where the data is input, and it's sorted into lines 4 through whatever. It is sorted by code, and it works wonderfully thanks to your previous tips. The only problem I have right now is being able to have a formula automatically populate cell G3, as it always disappears in the sort.

You seem to have a pretty good idea of what I'm looking to do. In this case, how would you set everything up? And please be specific, as my knowledge of Excel jargon is limited. I've had people to "just do this" or "just do that," and unless the steps of doing those things are broken down for me, I'm completely lost.

Again though, I really appreciate your help and patience in this matter.

Thanks,

Orangepegs

"Dave Peterson" wrote:

If you're sorting by code, the change the code to start the sort range in row 3.

If you're sorting manually, don't include row 3 in your sort range.

Orangepegs wrote:

I wanted it to be an automatic function for when I entered

Re: Autosort, but keep Row 1 separate

new candidates  
into my spreadsheet, and I wanted to base it off of several  
cells, rather  
than just one. No matter what I do, when row three is sorted  
into the rest of  
the document, the replacement row comes in completely  
blank. If there is a  
better way to do this, I am open to suggestions. As is, I have  
16 different  
sheets within the book, and each has a top 5 group that is  
linked to the  
first sheet (so it summarizes the top five candidates of each  
skill-set). I  
used an "indirect" formula for that, so it continuously  
updates when the  
order of any sheet changes. I could be asking it to do too  
many automatic  
things, but I'm looking for a really hands-off spreadsheet  
here...

"Dave Peterson" wrote:

Why not just sort the range with the data?  
There was a suggestion a few posts  
ago that sorted the range starting with row 3.

Orangepegs wrote:

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.

Re: Autosort, but keep Row 1 seperate

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

Re: Autosort, but keep Row 1 seperate

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

Re: Autosort, but keep Row 1 seperate

Re: Autosort, but keep Row 1 seperate

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

Re: Autosort, but keep Row 1 seperate

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:

I  
would  
think  
that

Re: Autosort, but keep Row 1 seperate

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,

Re: Autosort, but keep Row 1 seperate

and  
I'm  
trying  
to  
create  
a  
spreadsheet  
for  
my  
candidates  
to  
categorize  
them  
based  
on  
skillset,  
qualifications,  
and  
rankings.  
The  
overall  
rankings  
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

Re: Autosort, but keep Row 1 seperate

Re: Autosort, but keep Row 1 seperate

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:  
Exprience:  
Overall:  
(etc)  
2-  
Jon  
A  
10  
4  
7  
10  
3-  
Mary  
A  
9  
9

Re: Autosort, but keep Row 1 seperate

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

Re: Autosort, but keep Row 1 seperate

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

Re: Autosort, but keep Row 1 seperate

to  
be  
sure  
that  
G2  
is  
averaging  
C2:F2?

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

Re: Autosort, but keep Row 1 seperate

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
```

Re: Autosort, but keep Row 1 seperate

```
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.
```

Re: Autosort, but keep Row 1 separate

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

Re: Autosort, but keep Row 1 seperate

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

Re: Autosort, but keep Row 1 seperate

with  
no  
more  
formula.  
Is  
there  
a  
way  
to  
correct  
that?

Thanks,

Orangepegs

"Dave  
Peterson"  
wrote:

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

And  
one  
of

Re: Autosort, but keep Row 1 seperate

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

Re: Autosort, but keep Row 1 seperate

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

Re: Autosort, but keep Row 1 seperate

Re: Autosort, but keep Row 1 seperate

formula  
(It  
disappears  
every  
time  
the  
autosort  
function  
kicks  
in).

Anyhow,  
here's  
the  
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\_  
Target  
As  
Range)  
If

Re: Autosort, but keep Row 1 seperate

```
Intersect(Tar  
Range("S2")  
Is  
Nothing  
Then  
Exit  
Sub  
End  
End  
If
```

```
Application.  
=  
False  
Columns("A  
Key1:=Rang  
order1:=xlD  
Range("A2:s  
Shift:=xlDov  
Application.  
=  
True  
End  
Sub
```

Any  
and  
all  
help  
is  
much  
appreciated!

--

Dave  
Peterson

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Dave  
Peterson

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Dave  
Peterson

Re: Autosort, but keep Row 1 seperate

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Dave  
Peterson

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Dave Peterson

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Dave Peterson

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