

Re: Sum Activecell Offset Problem

Source:

<http://www.tech-archive.net/Archive/Excel/microsoft.public.excel.worksheet.functions/2005-05/msg03479.html>

- *From:* "Bob Phillips" <bob.phillips@xxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Sun, 22 May 2005 00:12:25 +0100
-

Hi George,

I made an error in the formula, and omitted to tell you something important, so it is not surprising that you struggled :-)

The A1:A9 was the error. In my testing I used rows 1-9 then changed it to 1-1000 for you, but left that one unchanged. It also should be A1:A1000/

I also forgot to tell you that it is an array formula, so you need to commit it after inputting it with Ctrl-Shift-Enter.

I used rows 1-1000, but you should set it at the maximum that you know will be there. You cannot put the formula in column C in any row between 1 and the max row, but any other column is fine.

The formula is

```
=SUMPRODUCT(--(B1:Bn>MAX(IF(A1:An="Sun",B1:Bn))-7),--(B1:Bn<=MAX(IF(A1:An="Sun",B1:Bn))),C1:Cn)
```

where n is the max row number and is array entered.

In summary, this is what it does

- gets the Max date for all rows where column A is Sun -
MAX(IF(A1:An="Sun",B1:Bn))
- counts all dates that are greater than that max date - 7 days -
B1:Bn>MAX(IF(A1:An="Sun",B1:Bn))-7
- and which are also less than or equal to that max date -
B1:Bn<=MAX(IF(A1:An="Sun",B1:Bn))
- sums all amounts for matching dates - SUMPRODUCT(.....,C1:Cn)

For an explanation of how SUMPRODUCT works, and the double unary --, see <http://www.xldynamic.com/source/xld.SUMPRODUCT.html>

Regards

Bob

Re: Sum Activecell Offset Problem

"George Andrews" <abctravel@xxxxxxxx> wrote in message
news:uoyNKekXFHA.2768@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx

> Bob
>
> Hi again.
>
> This has not worked.
>
> I have been looking at the formula and I have to admit that I don't
> understand most of it.
>
> Why do you have the range A1:A9?
> What do the two -- mean?
>
> I have also noticed that :
>
> if I put the formula in the intended worksheet in column C, I get a
circular
> referernce
> if I put the formula in row >9 then I get a value error
> I set up the information starting in A1 and put the formula into F1 with
Sun
> in A1. The formula produces the correct result.. The next occurrence of
> "Sun" is in A8. the formula in F8 does not produce the same result. I
have
> tried copying the formula down and have also tried pasting the same
formula
> into the cell F8. Neither work.
>
> Can you give me some further guidance.
>
> Regards
>
> George

> "Bob Phillips" <bob.phillips@xxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
> news:OxcMQ5YXFHA.3988@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx

>> Andrew,
>>
>> Try this

>>
>>
>
=SUMPRODUCT(--(B1:B1000>MAX(IF(A1:A1000="Sun",B1:B1000))-7),--(B1:B1000<=MAX
>> (IF(A1:A9="Sun",B1:B1000))),C1:C1000)
>>
>> --

Re: Sum Activecell Offset Problem

>>
>> HTH
>>
>> RP
>> (remove nothere from the email address if mailing direct)
>>
>>
>> "George Andrews" <abctravel@xxxxxxxx> wrote in message
>> news:O%23IlqjYXFHA.2420@xxxxxxxxxxxxxxxxxxxxxxxxxxxx
>>> Exell 2000
>>>
>>> Dear All
>>>
>>> I have three columns of data. Day of the week, Date, Product Sales
>>>
>>> What I need is a function that can work out the total sales for a 7
day
>>> period finishing on a Sunday (Sun). i.e The total sales from Monday to
>>> Sunday. The problem is that there could be more than one entry per
day.
>>> e.g. there could be two Thursdays in one week with the same date.
>>>
>>> Therefore the formula will have to look at the Sunday date subtract 7
> days
>>> and add up the values in the third column.
>>>
>>> if it is easier I could work around my problem by using a formula that
>>> calculates the total from the previous seven days baring in mind that
>> there
>>> could be more than one entry per day.
>>>
>>> Here is some sample data. (European date system)
>>>
>>> S 28/5 0.00
>>> Sun 29/5 2,900.00
>>> M 30/5 4,279.24
>>> T 31/5 3,016.00
>>> W 1/6 850.28
>>> Th 2/6 0.00
>>> F 3/6 5,775.64
>>> S 4/6 9,210.40
>>> Sun 5/6 2,900.00
>>>
>>> If anybody can help, it would be appreciated.
>>>
>>> Regards
>>>
>>> Andrew
>>>
>>>
>>

>>
>
>

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• **References:**

- ◆ **Sum Activecell Offset Problem**
 ◇ From: George Andrews
- ◆ **Re: Sum Activecell Offset Problem**
 ◇ From: Bob Phillips
- ◆ **Re: Sum Activecell Offset Problem**
 ◇ From: George Andrews

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