

Re: Sumproduct Function

Source:

<http://www.tech-archive.net/Archive/Excel/microsoft.public.excel.worksheet.functions/2004-10/2217.html>

From: Bernard Liengme (*bliengme_at_stfx.TRUENORTH.ca*)

Date: 10/10/04

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If the question is:

IF F3 is blank, then sum for the F2 value, else sum matching F2 and F3

We could use =IF(ISBLANK(F3),SUMPRODUCT((B4:B8=F2)*(D4:D8)),
SUMPRODUCT((B4:B8=F2)*(C4:C8=F3)*(D4:D8))

But if the problem is: When F3 has a value that occurs in column C, then do
the double match, else do the single match. Not test but is a start -

=IF(ISNA(MATCH(F3,C4:C8,FALSE)),SUMPRODUCT((B4:B8=F2)*(D4:D8)),
SUMPRODUCT((B4:B8=F2)*(C4:C8=F3)*(D4:D8))

hope this helps

--

Bernard Liengme

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remove CAPS in e-mail address

"excellover" <excellover.1dxozy@excelforum-nospam.com> wrote in message
news:excellover.1dxozy@excelforum-nospam.com...

>

> Frank and anyone familiar with this function , please help

>

> I have tried the function and the link given to me by frank is very

> useful , the only catch is that the function looks to :

>

> sumproduct(array1=condition1,array2=condition2,array3) , now here is my

> problem, I will try to DRAW A SAMPLE SHEET FOR EXAMPLE

>

>A.....B.....C

> 1.....MIKE..... 300

> 2.....JERRY.....400

> 3.....ADAM..... 400

> 4.....ADAM.....MAZDA.....50

> 5.....ADAM.....TOYOTA.....450

>

>

> Here is the problem I am facing:-

>

> 1) I put the command

> =SUMPRODUCT((B4:B8=F2)*(C4:C8=F3)*(D4:D8))

>

> This only works ok if I input two arrays , say ADAM in cell F2 and

> MAZDA IN F3, if I input only ADAM IN F2 and leave F3 BLANK OR INPUT ANY

> LETTERS that are not in B1:B5 the formula will not pick the \$400 in C3

microsoft.public.excel.worksheet.functions: Re: Sumproduct Function

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> for ADAM .
>
> MY QUESTION IS :-
> How can I make SUMPRODUCT disregard any WORD I input in F3 and pick the
> corresponding amount and if I input the exact criteria in F2 and F3 it
> picks up the corresponding amount for the matched criteria, E.G
>
> 1) F2 = ADAM
> F3 = XYZXYZ
>
> HOW WILL SUMPRODUCT PICK C3 ( SINCE B3 IS BLANK ) and if
>
> 2) F2 = ADAM
> F3 = MAZDA
>
> HOW WILL SUMPRODUCT PICK C4 ( SINCE B4 IS MAZDA )
>
> I know I have missed some kind of operator , I do realize the power of
> this function and I am sure there will be a way around it ,
>
> Appreciate your help.
> Thank you
>
>
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