

Re: Index & Match

Source: <http://www.tech-archive.net/Archive/Excel/microsoft.public.excel.misc/2007-03/msg00350.html>

- *From:* "T. Valko" <biffinpitt@xxxxxxxxxxxx>
 - *Date:* Sun, 4 Mar 2007 13:41:41 -0500
-

We need to find a criteria that is common to the specific columns where your data is located.

Actually, that should read:

We need to find a criteria that is common and unique to the specific columns where your data is located.

For example, if we tried using a divisor of 2 the remainder would be 0. But this criteria includes columns that are not the specific columns of interest. This criteria would include columns:

40,42,44,46,48,50,52

So, using a divisor of 6 sets the mod equal to 4 and this criteria is both common and unique to only those columns of interest.

Biff

"T. Valko" <biffinpitt@xxxxxxxxxxxx> wrote in message <news:eDWkkqoXHHA.3272@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

Why does the MOD function get set to "=4"?

We need to find a criteria that is common to the specific columns where your data is located.

Column AN = column number 40
Column AT = column number 46
Column AZ = column number 52

This pattern of every 6th cell repeats to the end of your range.

What is common about those columns is that when you divide the column number by 6 the remainder is 4:

Re: Index & Match

=MOD(COLUMN(A1),6) = 4
=MOD(COLUMN(AT1),6) = 4
=MOD(COLUMN(AZ1),6) = 4

The formula limits the calculation to only those columns where the mod of the column number equals 4.

Biff

"SJT" <SJT@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
news:9D81E8AD-1C98-46B9-A0CB-0831539FB2A3@xxxxxxxxxxxxxxxxxxxx

That's great. You have been incredibly helpful. One last thing. Why does the MOD function get set to "=4"? Promise not to bother you w/ this formula again.

"T. Valko" wrote:

These expressions will return arrays of either TRUE or FALSE

(MOD(COLUMN(A3:IV3),6)=4)
(A3:IV3<=TODAY())

The double unary "--" coerces those logical values to numeric values:

--TRUE = 1
--FALSE = 0

See these for more info:

<http://mcgimpsey.com/excel/formulae/doubleneg.html>

<http://xldynamic.com/source/xld.SUMPRODUCT.html>

Biff

"SJT" <SJT@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
news:8E4089A3-D19C-4C7C-9258-AE98857C69E0@xxxxxxxxxxxxxxxxxxxx

Thank you so much for all of your assistance. BTW what does the "--" before and after the MOD function do? Thanks again. Really appreciate it.

Re: Index & Match

"T. Valko" wrote:

I interpreted the post differently than you.

I read it to mean there is a single date for each month (the first of each month) spaced evenly every 6th cell starting from column AN and the OP is basically looking for a YTD sum.

Biff

"JLatham" <HelpFrom @Jlathamsite.com.(removethis)> wrote in message

news:1D4BE549-B5B4-40A0-81ED-96A589B9FAB0@xxxxxxxxxxxxxxxxxxxx

Damn,
that's sweet
– but take a
look at it a
little close,
I'm
coming
up
short 2
months. I
filled each
of the
columns
from 3 to 15
with
increasing
values
starting at 1,
so for 12
months with
date after
3rd, I'd
expect
to
get
a total of 12
for that row,

Re: Index & Match

but I'm only getting 12. I put your formula into both columns AJ and AL with the same results: 10 instead of the expected 12. To test on out into the future I changed the formula to point to a cell with a manually entered date instead of using TODAY() just to test this kind of thing.

For my test date I used 1/4/2008 and just cannot get it to come up with anything but 10 for those.

But yours takes care of the whole situation much better than my

Re: Index & Match

ugly
beastie
in general –
specifically
the values
in rows
corresponding
to days
after
current day
of the
month.

"T. Valko"
wrote:

Try
this:

Row
1
=
date
headers

=SUMPRODUCT(--(MOD(COLUMN(A3:IV3),6)=4),--(

Adjust
for
the
end
of
the
range

Copy
down
as
needed

Biff

"SJT"
<SJT@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

wrote
in
message

news:BD9330C2-B01E-4216-942D-C2EB3627DCD8@xx

Re: Index & Match

I
think
I'm
in
need
of
some
type
of
index
&
match
formula.

I
have
column
headings
that
are
dates
and
below
them
are
a
series
of
numbers.

I
would
like
a
formula
that
adds
the
numbers
below
the
column
headings
based
on
today's
date.

For
example,
in
column
AN
I

Re: Index & Match

have
a
column
heading
of
1/1/07
and
below
the
column
heading
I
have
numerical
data
in
rows
3
-15.
In
column
AT
I
have
the
column
heading
2/1/07
and
in
Column
AZ,
I
have
the
column
heading
3/1/07.
This
continues
in
the
same
pattern
for
each
month
of
the
year
and

Re: Index & Match

below
each
column
heading
is
data
in
rows
3
–
15.
I
would
like
to
add
the
cumulative
total
of
each
row
for
each
column
depending
on
the
date.
Since
today
is
3/3,
for
example
I
would
like
to
add
the
total
of
Cells
AT3
and
AN3
in
one
cell
and

Re: Index & Match

then
have
a
similar
formula
for
each
of
the
rows
4-15.
On
4/1
this
formula
would
add
to
the
previous
totals
the
data
in
Column
AZ
rows
3
-
15.
Would
appreciate
any
help
you
could
provide.
Thank
you
in
advance
for
your
assistance.

Re: Index & Match