
Subject: Re: problem in finding average for every 100 points in a data set.

Posted by [Moritz Fischer](#) on Mon, 03 Feb 2014 06:52:27 GMT

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To get the means over blocks of 100 values, I'd reform 'B' (100 values each line, thus 3,000 lines), and then get the means along each line:

```
bb = mean( reform( B, 100, 3000 ), DIM = 1 )
```

Am 01.02.2014 03:26, schrieb arsood:

> Hi,

> I have a data of B =300,000 and I want to find average for every 100 points. (eg, 0-100,101-200,201-300 and so on)

> I am using the following code

> pro at

> restore,'/home/coefficient.sav'

> nn = 300000

> BB = y3^2+y4^2

> B= sqrt(BB)

> bb = fltarr(long(nn-101))

> For i = long(0), long(nn-101),long(100) do begin

> bb(i) = mean(B(i:i+200))

> endfor

> print,bb

> end

> When I compile the program it prints zero along with nonzero values. so further I have o use another command for nonzero values

> print,bb(where(bb ne 0.0))

>

> Can please anybody tell me is my code correct and how can I print all non zero values in first place??

>

> Thanks

> ARSOOD

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