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Subject: subarray

Posted by [k\\_ghreep](#) on Tue, 22 May 2012 15:21:27 GMT

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Dear all

I have array of years like this  $y=[1990, 1991, 1992]$ . in each year i

have a measured data in different months, i.e

$mon=[9,10,11,1,2,3,6,9,20,12,2,4,6,8]$

in each month, a variable is not measured in all days

so the data are organized in 4 columns as follows

year	mon	day	Value
1990	9	15	0.0
1990	9	16	3.1
1990	9	17	0.2
1990	10	5	0.1
1990	10	6	2.1
1990	10	7	0.5
1990	10	8	0.0
1990	10	9	0.0
1990	10	12	0.0
1990	11	24	0.5
1990	11	25	0.0
1990	11	26	0.0
1990	11	27	0.0
1990	12	01	0.0
1990	12	02	0.1
1991	01	5	1.0
1991	01	6	13.0
1991	01	7	3.0
1991	01	8	0.0
1991	01	9	0.0
1991	01	10	0.0
1991	01	11	0.1
1991	05	15	1.0
1991	05	16	13.0
1991	05	17	3.0
1991	05	18	0.0
1991	05	19	0.0

I would like to count a zero and a non-zero values in each month and calculate the mean value

as function of year and month.

some body advise me to use a histogram function to do this, but I can't

any body can tell me how I can write this routines,

Best wishes

Khaled

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