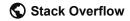
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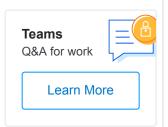
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pandas get column average/mean

Ask Question

I can't get the average or mean of a column in pandas. A have a dataframe. Neither of things I tried below gives me the average of the column weight

>>> allDF					
		ID	birthyear	weight	
	0	619040	1962	0.1231231	
	1	600161	1963	0.981742	
	2	25602033	1963	1.3123124	
	3	624870	1987	0.94212	

The following returns several values, not one:

```
allDF[['weight']].mean(axis=1)
```

So does this:

allDF.groupby('weight').mean()

python pandas

edited Dec 27 '16 at 13:50

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2 You should accept DSM's answer so this question does not remain unanswered – EdChum Jun 25 '15 at 7:46

Possible duplicate of <u>how to get the average of dataframe column</u> values – Jeru Luke Jul 24 '17 at 10:31

df.groupby('weight') wasn't what you wanted, because it split the df into separate columns, each with a distinct value of weight. Instead of just df['weight'].mean() - smci Feb 16 at 8:41 /

3 Answers

If you only want the mean of the weight column, select the column (which is a Series) and call .mean():

In [480]: df["weight"].mean()
Out[480]: 0.83982437500000007

answered Jun 24 '15 at 21:26



and what if I wanted to get a mean of each and every column? – Chris Jun 11 at 14:55

@Chris df.describe() - Abhishek Poojary Aug 1 at 17:20 /

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Do try to give print (df.describe()) a shot. I hope it will be very helpful to get an overall description of your dataframe.

answered May 8 at 6:14



nainometer **86** 11

Try df.mean(axis=0), axis=0 argument calculates the column wise mean of the dataframe so the result will be

axis=1 is row wise mean so you are getting multiple values

answered Aug 8 at 16:38



Chandu

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