'DataFrame' object has no attribute 'as_matrix

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```
import pandas as pd

from sklearn.model_selection import train_test_split

import pandas as pd

from sklearn.model_selection import train_test_split

from sklearn import ensemble

from sklearn.metrics import mean_absolute_error

from joblib import *

df = pd.read_csv('~/Downloads/Melbourne_housing_FULL.csv')

df.head(n=5)
del df['Address']
del df['Method']
del df['SellerG']
del df['Date']
del df['Postcode']
del df['Lattitude']
del df['Longtitude']
del df['Regionname']
del df['Propertycount']
df.dropna(axis=0, how='any', thresh=None, subset=None, inplace=True)
features_df = pd.get_dummies(df, columns=['Suburb', 'CouncilArea', 'Type'])
X = features_df.as_matrix()
y = df['Price'].as_matrix()
```

Can anyone please help me I am facing a error as soon as I put X = features_df.as_matrix() y =
df['Price'].as_matrix() and I am learning Machine Learning with a book called Machine Learning
with python by oliver... Any Help is highly appreciated Thankyou

python   pandas   dataframe   Edit tags

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edited Apr 8 '20 at 13:59   asked Apr 8 '20 at 13:48

🧑 martineau   🟪 Laxman Srivastava
102k 22 142 254   **221** 1 2 3

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2 ▲ try replacing it with df['Price'].to_numpy() — cel Apr 8 '20 at 13:50
   🚩

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1 ▲   df.as_matrix() is deprecated, see [this answer](). TL;DR try using df.values . — jfaccioni Apr 8 '20
   🚩 at 13:53 ✎

   ▲ Thankyou Worked... — Laxman Srivastava Apr 10 '20 at 17:18
   🚩

5 Answers

`df.as_matrix()` was deprecated after version 0.23.0. Use `df.values` instead.

27

Follow [this link](#) for additional information.

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edited Jul 6 at 17:19
Alex Metsai
1,574   5   9   19

answered Aug 7 '20 at 1:05
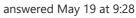**TUSHAR**
370   4   5

---

18 ⌃   df.values --> no parantheses – [Arash Vahabpour](#) Sep 15 '20 at 7:04

As of Pandas 1.0 use `.to_numpy()` other ways are deprecated according to the [docs](#)

3

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answered May 19 at 9:28
$\hat{f}(x)$ [juan Isaza](#)
2,626   2   23   34

-1

🚫 **This answer is hidden**. This answer was [deleted](#) via review 4 months ago by [HDJEMAI](#), [Shaido](#), [CertainPerformance](#), [Jacob Lee](#).

Indeed, *df.values* (without parentheses) did the job for me too...

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answered Apr 12 at 18:59
[alconegro](#)
21   2

⌃
🏳   This does not provide an answer to the question. Once you have sufficient [reputation](#) you will be able to [comment on any post](#); instead, [provide answers that don't require clarification from the asker](#). - [From Review](#) – [Jacob Lee](#) Apr 13 at 2:31

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Replacing `.as_matrix()` with `.values()` also resulted in an error, but replacing it with `.to_numpy()` worked perfectly

5

Convert the DataFrame to a NumPy array.

New in version 0.24.0.

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answered Mar 11 at 8:57
[Valdas](#)

Dataframe depricated a lot of attributes such as `.ix`

12   Here you need this command:

```
y = df['Price'].values
```

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answered Aug 21 '20 at 21:12

Dr_Hope

1,634   14   19