

How can I fix the error “module ‘pandas’ has no attribute ‘dataframe’”?

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RECOMMENDED CITATION

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To fix the error "module 'pandas' has no attribute 'dataframe'", you will need to ensure that you have imported the pandas library correctly. This error usually occurs when the library is not imported or named incorrectly. You can check the spelling of the library and make sure it is imported as "pandas" and not a different name. You can also try reinstalling the pandas library to ensure it is properly installed. Additionally, you can check the version of pandas you are using, as older versions may not have the "dataframe" attribute. By addressing these potential issues, you should be able to fix the error and access the "dataframe" attribute in pandas.

Fix: module 'pandas' has no attribute 'dataframe'

One error you may encounter when using pandas is:

AttributeError: module 'pandas' has no attribute 'dataframe'

This error usually occurs for one of three reasons:

- 1. You write `pd.dataframe` instead of `pd.DataFrame`**
- 2. Some other variable is named 'pd' or 'pandas'**
- 3. The file name is `pd.py` or `pandas.py`**

The following examples show how to resolve this error in each of these scenarios.

Reason 1: Using `pd.dataframe`

Suppose we attempt to create a pandas DataFrame

using the following syntax:

```
import pandas as pd
```

```
#attempt to create DataFrame
```

```
df = pd.dataframe({'points': ,  
'assists': })
```

AttributeError: module 'pandas' has no attribute 'dataframe'

We receive an error because we wrote the word dataframe in lowercase.

To create a pandas DataFrame, we must write the word 'DataFrame' in camel-case:

```
import pandas as pd
```

```
#create DataFrame
```

```
df = pd.DataFrame({'points': ,  
'assists': })
```

```
#view DataFrame
```

```
df
```

points assists

0 25 5

1 12 7

2 15 13

3 14 12

Notice that we're able to successfully create the DataFrame without any errors.

Reason 2: Some other variable is named 'pd' or 'pandas'

We might also receive this error if some other variable in our script is named 'pd' or 'pandas':

```
import pandas as pd
```

```
#create a list named 'pd'
```

```
pd =
```

```
#attempt to create DataFrame
```

```
df = pd.dataframe({'points': ,  
'assists': })
```

AttributeError: module 'pandas' has no attribute 'dataframe'

```
import pandas as pd

#create a list named 'data'
data =

#create DataFrame
df = pd.DataFrame({'points': ,
'assists': })

#view DataFrame
df

points assists
0 25 5
1 12 7
2 15 13
3 14 12
```

Notice that we don't receive an error because we no longer have a variable named `py` or `pandas`.

Reason 3. The file name is `pd.py` or `pandas.py`

Another reason you may receive an error is if the file name of your script is `pd.py` or `pandas.py`.

To resolve this error, you simply need to rename your file to something else like my_script.py or my_data.py or literally any other name.

Additional Resources

The following tutorials explain how to fix other common errors in Python:

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