

How can I remove rows from a Pandas DataFrame?

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June 27, 2024

RECOMMENDED CITATION

stats writer (2024). *How can I remove rows from a Pandas DataFrame?*. PSYCHOLOGICAL SCALES. Retrieved from <https://scales.arabpsychology.com/?p=155631>

To remove rows from a Pandas DataFrame, use the `.drop()` function and specify the index or labels of the rows to be removed. This function will return a new DataFrame with the specified rows removed. Alternatively, you can use the `.drop()` function in place by setting the `"inplace=True"` parameter. This will modify the original DataFrame. Additionally, you can use conditional statements to filter out rows that meet a certain criteria and create a new DataFrame with the remaining rows.

Pandas: Pop Rows from DataFrame

You can use the `pop()` function to quickly remove a column from a pandas DataFrame.

In order to use the `pop()` function to remove rows, you must first transpose the DataFrame and then use the `pop()` function to remove the columns (i.e. the rows of the original DataFrame):

```
#pop the row in index position 3  
df.T.pop(3)
```

The following example shows how to use this syntax in practice.

Example: Pop Rows from pandas DataFrame

Suppose we have the following pandas DataFrame:

```
import pandas as pd
```

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

```
#view DataFrame  
print(df)
```

```
team points assists  
0 A 18 5  
1 B 22 7  
2 C 19 7  
3 D 14 9  
4 E 14 12  
5 F 11 9
```

Now suppose we would like to remove the row in index position 3 of the DataFrame.

We can transpose the DataFrame and then use the `pop()` function to remove the row in index position 3:

```
#define transposed DataFrame  
df_transpose = df.T#remove row in index position 3 of  
original DataFrame
```

```
df_transpose.pop(3)
```

```
team D
```

```
points 14
```

```
assists 9
```

```
Name: 3, dtype: object
```

We can then transpose the DataFrame once again to get back the original DataFrame with one row removed:

```
#transpose back to original DataFrame
```

```
df = df_transpose.T#view updated DataFrame
```

```
print(df)
```

```
team points assists
```

```
0 A 18 5
```

```
1 B 22 7
```

```
2 C 19 7
```

```
4 E 14 12
```

```
5 F 11 9
```

Notice that the row in index position 3 has been removed from the DataFrame.

All other rows in the DataFrame remain untouched.

Note: You can find the complete documentation for the `pop()` function in pandas .

The following tutorials explain how to perform other common tasks in pandas:

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