

How can I add a suffix to column names in Pandas?

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Pandas is a popular Python library used for data analysis and manipulation. It offers a variety of functions and methods to make data manipulation easier and more efficient. One common task in data analysis is to add a suffix to column names, which can be easily accomplished in Pandas. This can be done by using the "add_suffix" method, which allows for the addition of a chosen suffix to all column names in a dataframe. This simple yet powerful function can save time and effort in renaming columns and can be used for various data analysis tasks. Overall, Pandas offers a user-friendly solution for adding suffixes to column names, making it a valuable tool for data analysts and scientists.

Pandas: Add Suffix to Column Names

You can use the following methods to add a suffix to column names in a pandas DataFrame:

Method 1: Add Suffix to All Column Names

```
df = df.add_suffix('_my_suffix')
```

Method 2: Add Suffix to Specific Column Names

```
#specify columns to add suffix to
```

```
cols =
```

```
#add suffix to specific columns
```

```
df = df.rename(columns={c: c+'_my_suffix' for c in df.columns if c in cols})
```

The following examples show how to use each of these

methods with the following pandas DataFrame:

```
import pandas as pd
#create DataFrame
df = pd.DataFrame({'points': ,
'assists': ,
'rebounds': ,
'blocks': })
```

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

```
points assists rebounds blocks
0 25 5 11 6
1 12 7 8 6
2 15 7 10 3
3 14 9 6 2
4 19 12 6 7
5 23 9 5 9
```

Method 1: Add Suffix to All Column Names

The following code shows how to add the suffix '_total' to all column names:

```
#add '_total' as suffix to each column name
```

```
df = df.add_suffix('_total')
```

```
#view updated DataFrame
```

```
print(df)
```

```
points_total assists_total rebounds_total blocks_total
```

```
0 25 5 11 6
```

```
1 12 7 8 6
```

```
2 15 7 10 3
```

```
3 14 9 6 2
```

```
4 19 12 6 7
```

```
5 23 9 5 9
```

Notice that the suffix '_total' has been added to all column names.

Note: To add a prefix to column names, simply use `add_prefix` instead.

Method 2: Add Suffix to Specific Column Names

The following code shows how to add the suffix '_total' to only the points and assists columns:

```
#specify columns to add suffix to
```

```
cols =
```

```
#add '_total' as suffix to specific columns
```

```
df = df.rename(columns={c: c+'_total' for c in  
df.columns if c in cols})
```

```
#view updated DataFrame
```

```
print(df)
```

```
points_total assists_total rebounds blocks
```

```
0 25 5 11 6
```

```
1 12 7 8 6
```

```
2 15 7 10 3
```

```
3 14 9 6 2
```

```
4 19 12 6 7
```

```
5 23 9 5 9
```

Notice that the suffix '_total' has only been added to the points and assists columns.