

How can I move a column to the front of a DataFrame in Pandas?

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Moving a column to the front of a DataFrame in Pandas is a straightforward process that can be achieved in a few simple steps. First, the desired column can be selected using its label or index. Then, the "insert" function can be used to insert the selected column at the beginning of the DataFrame. This function takes two parameters - the index of the new column and the name of the selected column. Finally, the resulting DataFrame can be assigned to a new variable or the existing one can be overwritten. By following these steps, the selected column will be successfully moved to the front of the DataFrame, allowing for easier data analysis and manipulation.

Pandas: Move Column to Front of DataFrame

You can use the following methods to move columns to the front of a pandas DataFrame:

Method 1: Move One Column to Front

```
df = df + ]
```

Method 2: Move Multiple Columns to Front

```
cols_to_move =
```

```
df = df]
```

The following examples show how to use each method with the following pandas DataFrame:

```
import pandas as pd
```

#create DataFrame

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

#view DataFrame

```
print(df)
```

```
team points assists rebounds
```

```
0 A 18 5 11
```

```
1 B 22 7 8
```

```
2 C 19 7 10
```

```
3 D 14 9 6
```

```
4 E 14 12 6
```

```
5 F 11 9 5
```

```
6 G 20 9 9
```

```
7 H 28 4 12
```

Example 1: Move One Column to Front

The following code shows how to move the 'assists' column to the front of the DataFrame:

```
#move 'assists' column to front
```

```
df = df + ]
```

```
#view updated DataFrame
```

```
print(df)
```

```
assists team points rebounds
```

```
0 5 A 18 11
```

```
1 7 B 22 8
```

```
2 7 C 19 10
```

```
3 9 D 14 6
```

```
4 12 E 14 6
```

```
5 9 F 11 5
```

```
6 9 G 20 9
```

```
7 4 H 28 12
```

The 'assists' column has been moved to the front of the DataFrame and every other column has remained in the same order.

Example 2: Move Multiple Columns to Front

The following code shows how to move both the 'points' and 'rebounds' columns to the front of the DataFrame:

```
#define columns to move to front
```

```
cols_to_move =  
  
#move columns to front  
df = df[  
  
#view updated DataFrame  
print(df)  
  
points rebounds team assists  
0 18 11 A 5  
1 22 8 B 7  
2 19 10 C 7  
3 14 6 D 9  
4 14 6 E 12  
5 11 5 F 9  
6 20 9 G 9  
7 28 12 H 4
```

The 'points' and 'rebounds' columns have both been moved to the front of the DataFrame.

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

[How to Combine Two Columns in Pandas](#)