

# How can I remove the index name in Pandas, and what is an example of doing so?

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## RECOMMENDED CITATION

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Removing the index name in Pandas involves using the `.rename_axis()` method and passing in an empty string as the parameter. This will remove the current index name and leave the index without a name. For example, if we have a dataframe with an index name of "ID", we can remove it by using the code `df.rename_axis("")`. This will remove the index name "ID" and leave the index as an anonymous series. This can be useful when working with large datasets or when the index name is not necessary for analysis.

## Remove Index Name in Pandas (With Example)

You can use the following syntax to remove the index name from a pandas DataFrame:

```
df.index.name = None
```

This will remove the name from the index column of the DataFrame and leave all other column names unchanged.

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

**Example: Remove Index Name in Pandas**

**Suppose we have the following pandas DataFrame:**

```
import pandas as pd
```

```
#create DataFrame
```

```
df = pd.DataFrame({'team': ,
```

```
'position': ,  
'points': })
```

```
#specify index name
```

```
df.index.names =
```

```
#view DataFrame
```

```
print(df)
```

```
team position points
```

```
my_index
```

```
0 A G 11
```

```
1 A G 8
```

```
2 A F 10
```

```
3 A F 6
```

```
4 B G 6
```

```
5 B G 5
```

```
6 B F 9
```

```
7 B F 12
```

Currently the index column has the name `my_index`.

However, we can use the following syntax to remove this index name:

```
#remove index name  
df.index.name = None#view updated DataFrame  
print(df)
```

**team position points**

**0 A G 11**

**1 A G 8**

**2 A F 10**

**3 A F 6**

**4 B G 6**

**5 B G 5**

**6 B F 9**

**7 B F 12**

**Notice that the name my\_index has been removed from the index column while all other column names have remained unchanged.**

**We can also confirm that the index column no longer has a name by attempting to print the name:**

```
#view index column name  
print(df.index.name)
```

**None**

**We can see that the index column indeed has no name.**

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

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