

# How can I add a row to an empty DataFrame in Pandas?

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## RECOMMENDED CITATION

stats writer (2024). *How can I add a row to an empty DataFrame in Pandas?*.

PSYCHOLOGICAL SCALES. Retrieved from <https://scales.arabpsychology.com/?p=154047>

To add a row to an empty DataFrame in Pandas, you can use the `append()` function. This function takes in the row you want to add as a list or dictionary, and then appends it to the bottom of the DataFrame. Alternatively, you can also use the `loc` function to add a new row at a specific index position. Both of these methods will allow you to add a row to an empty DataFrame in Pandas.

## Pandas: Add Row to Empty DataFrame

You can use the following basic syntax to add a row to an empty pandas DataFrame:

```
#define row to add
some_row = pd.DataFrame()

#add row to empty DataFrame
df = pd.concat()
```

The following examples show how to use this syntax in practice.

### Example 1: Add One Row to Empty DataFrame

The following code shows how to add one row to an empty pandas DataFrame:

```
import pandas as pd

#create empty DataFrame
```

```
df = pd.DataFrame()

#define row to add
row_to_append = pd.DataFrame()

#add row to empty DataFrame
df = pd.concat()

#view updated DataFrame
print(df)

team points
0 Mavericks 31
```

Notice that we created an empty DataFrame by using `pd.DataFrame()`, then added one row to the DataFrame by using the `concat()` function.

#### Example 2: Add Multiple Rows to Empty DataFrame

The following code shows how to add multiple rows to an empty pandas DataFrame:

```
import pandas as pd

#create empty DataFrame
```

```
df = pd.DataFrame()
```

```
#define rows to add
```

```
rows_to_append = pd.DataFrame()
```

```
#add row to empty DataFrame
```

```
df = pd.concat()
```

```
#view updated DataFrame
```

```
print(df)
```

```
team points
```

```
0 Mavericks 31
```

```
1 Hawks 20
```

```
2 Hornets 25
```

```
3 Jazz 43
```

Once again we created an empty DataFrame by using `pd.DataFrame()`, then added multiple rows to the DataFrame by using the `concat()` function.

**Note:** You can find the complete documentation for the `pandas concat()` function .

The following tutorials explain how to perform other

## common tasks in pandas:

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