

How can I add titles to plots in Pandas, and what are some examples of how to do so?

Authored by
stats writer

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Pandas is a popular data analysis library in Python that offers various tools for creating visualizations, including plots. Adding titles to plots in Pandas is a simple process that helps provide context and improve the readability of the visualizations. It can be done by using the "title" function within the plot command, followed by the desired title name. For example, "plt.title('Sales by Region')" will add a title to the plot showing sales data by region. Another way to add titles is by using the "set_title" function on the plot object. Some other examples of adding titles to plots in Pandas include specifying the font, color, and size of the title. Overall, adding titles to plots in Pandas is an essential step in creating effective and informative visualizations.

Add Titles to Plots in Pandas (With Examples)

You can use the title argument to add a title to a plot in pandas:

Method 1: Create One Title

```
df.plot(kind='hist', title='My Title')
```

Method 2: Create Multiple Titles for Individual Subplots

```
df.plot(kind='hist', subplots=True, title=)
```

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': })
```

```
#view DataFrame
```

```
print(df)
```

```
team points assists
```

```
0 A 10 5
```

```
1 A 10 5
```

```
2 A 12 7
```

```
3 A 12 9
```

```
4 B 15 12
```

```
5 B 17 9
```

```
6 B 20 6
```

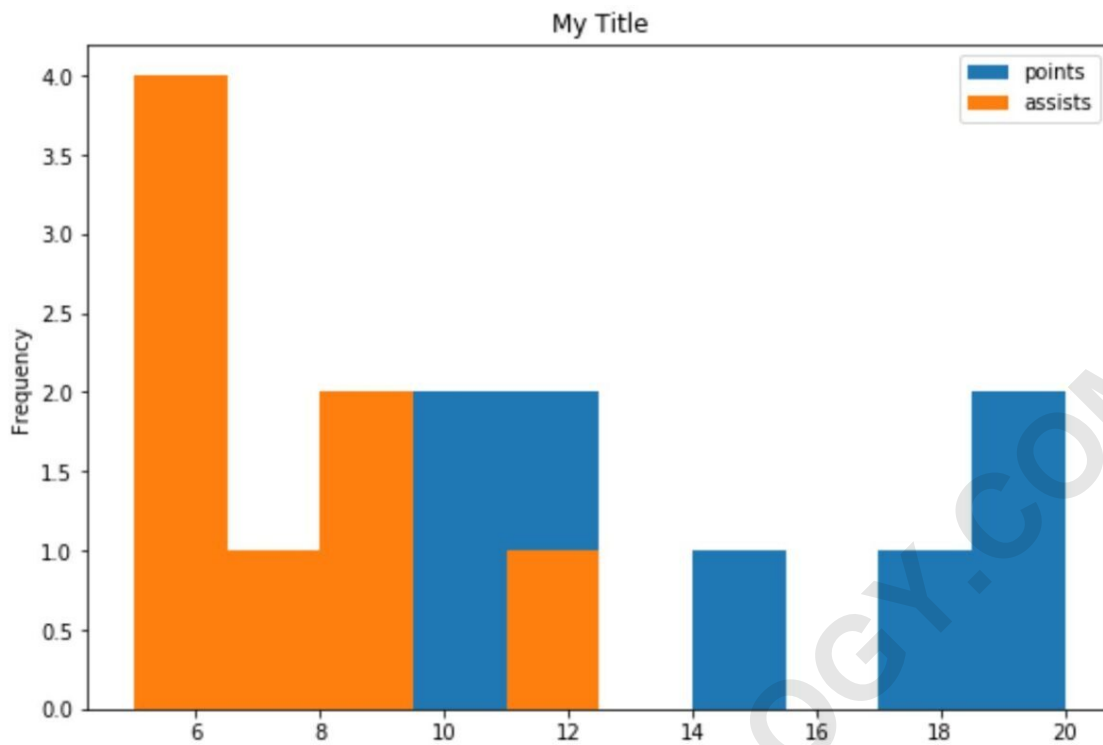
```
7 B 20 6
```

Example 1: Create One Title

The following code shows how to add one title to a pandas histogram:

```
#create histogram with title
```

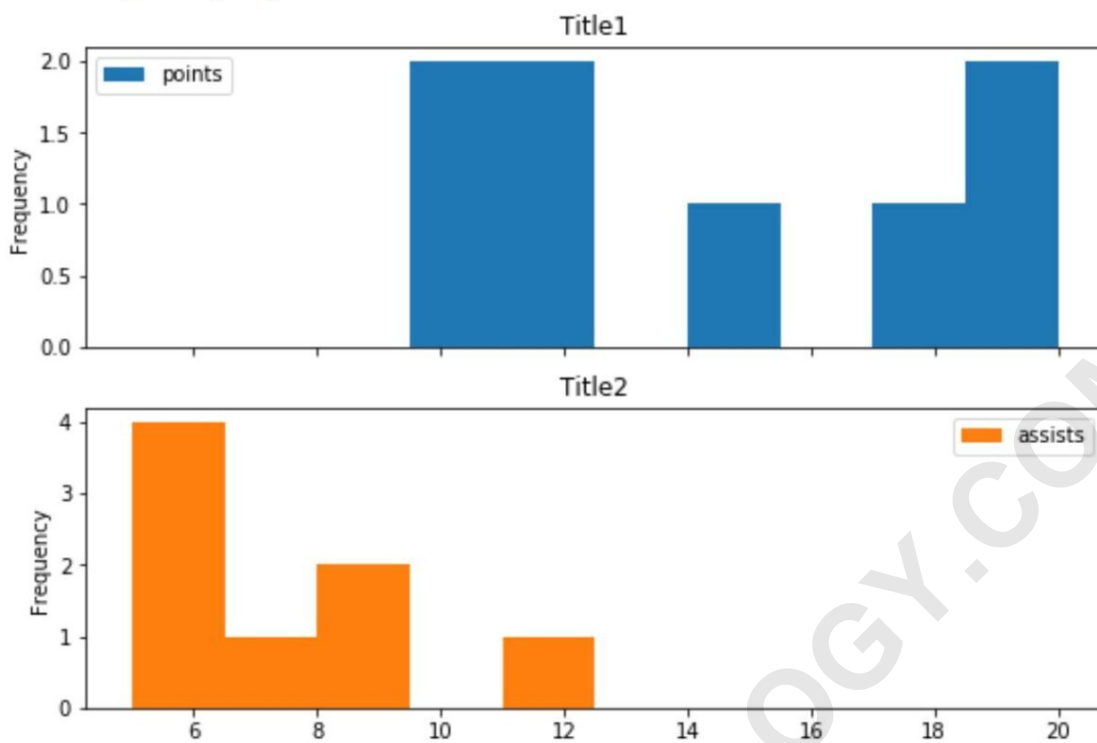
```
df.plot(kind='hist', title='My Title')
```



Example 2: Create Multiple Titles for Individual Subplots

The following code shows how to create individual titles for subplots in pandas:

```
df.plot(kind='hist', subplots=True, title=)
```



Notice that each individual subplot has its own title.

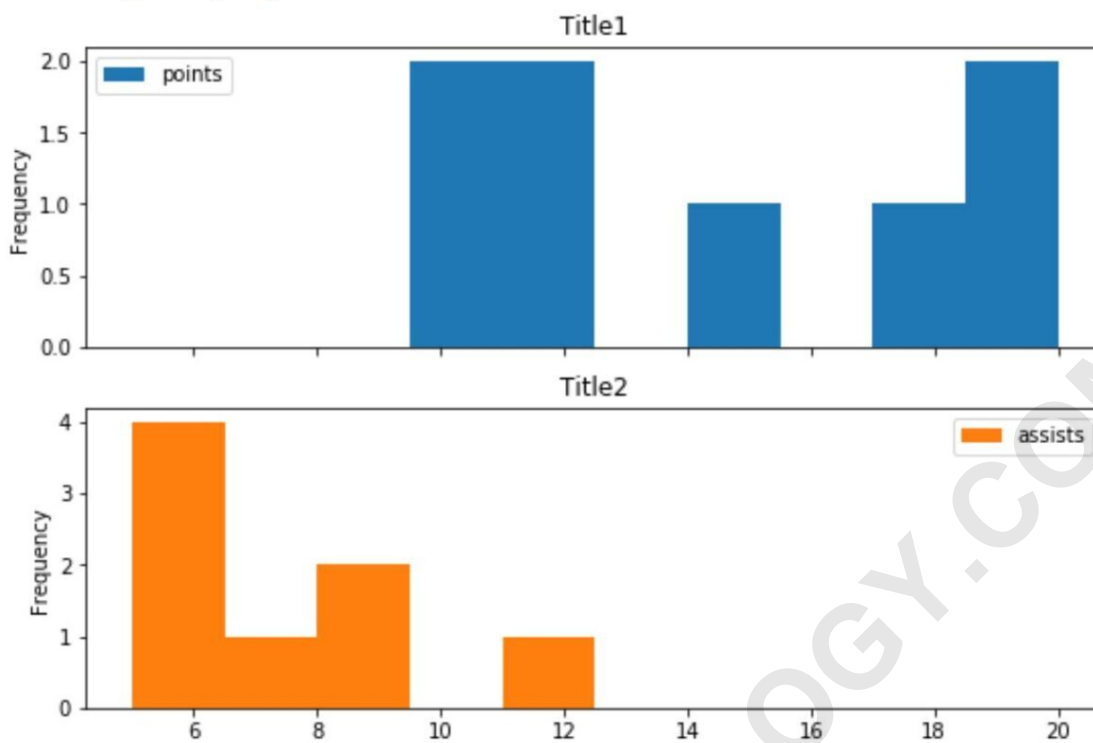
Note that you can also pass a list of title names to the title argument:

```
#define list of subplot titles
```

```
title_list =
```

```
#pass list of subplot titles to title argument
```

```
df.plot(kind='hist', subplots=True, title=title_list)
```



This plot matches the one we created in the previous example.

Additional Resources

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