

How can I create a horizontal barplot in Seaborn?

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Seaborn is a popular Python library used for data visualization. One of its key features is the ability to create horizontal barplots, which are useful for comparing the values of different categories. To create a horizontal barplot in Seaborn, you can use the "barplot" function and specify the x and y variables, as well as the data source. Additionally, you can customize the appearance of the plot by adjusting parameters for the color, width, and labels. This allows for the creation of a clear and informative visual representation of the data. Overall, with Seaborn's user-friendly syntax and customizable options, creating a horizontal barplot is a simple and effective way to present your data.

Create a Horizontal Barplot in Seaborn (With Example)

You can use the following basic syntax to create a horizontal barplot in :

```
sns.barplot(x=df.values_var, y=df.group_var, orient='h')
```

The orient='h' argument tells seaborn to orient the bars horizontally instead of the default vertical.

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

Example: How to Create a Horizontal Barplot in Seaborn

Suppose we have the following pandas DataFrame that contains information about the total sales made by various employees at a company:

```
import pandas as pd
```

```
#create DataFrame  
df = pd.DataFrame({'employee': ,  
'sales': })
```

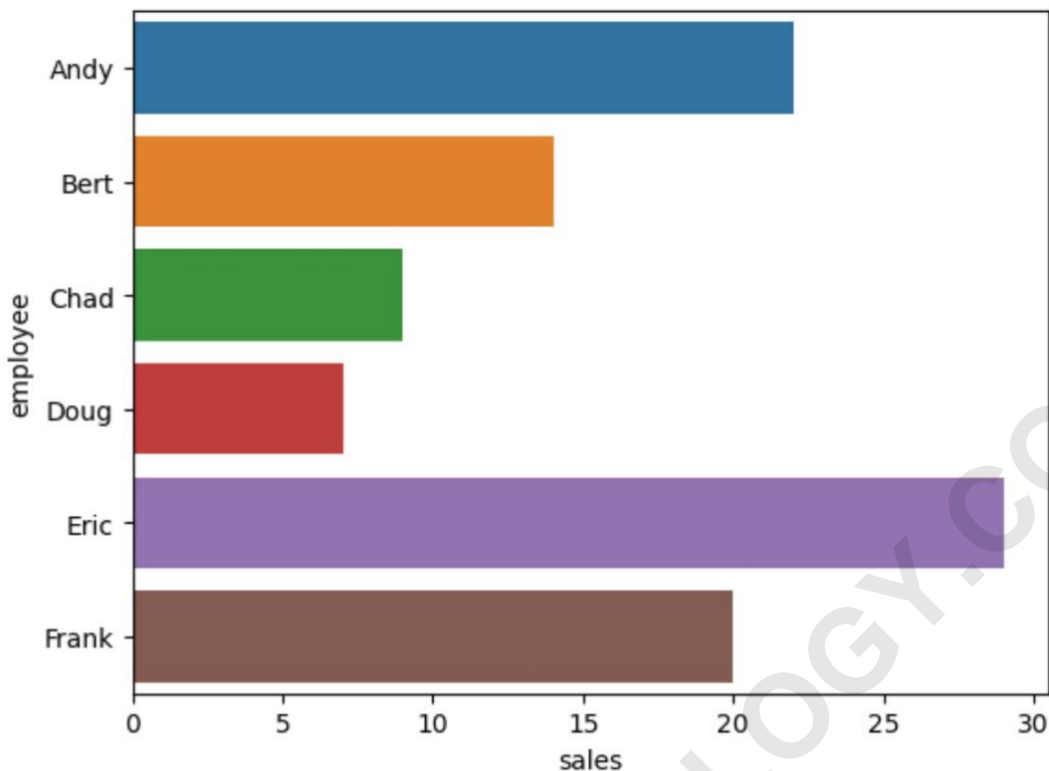
```
#view DataFrame  
print(df)
```

```
employee sales  
0 Andy 22  
1 Bert 14  
2 Chad 9  
3 Doug 7  
4 Eric 29  
5 Frank 20
```

We can use the following syntax to create a horizontal barplot to visualize the sales by each employee:

```
import seaborn as sns
```

```
#create horizontal barplot  
sns.barplot(x=df.sales, y=df.employee, orient='h')
```



The x-axis displays the sales made by each employee and the y-axis shows the names of the employees.

Note that we can also specify the colors of the bars and add a custom title with axis labels:

```
import matplotlib.pyplot as plt
import seaborn as sns
```

```
#create horizontal bar chart
```

```
sns.barplot(x=df.sales, y=df.employee, color='steelblue', orient='h')
```

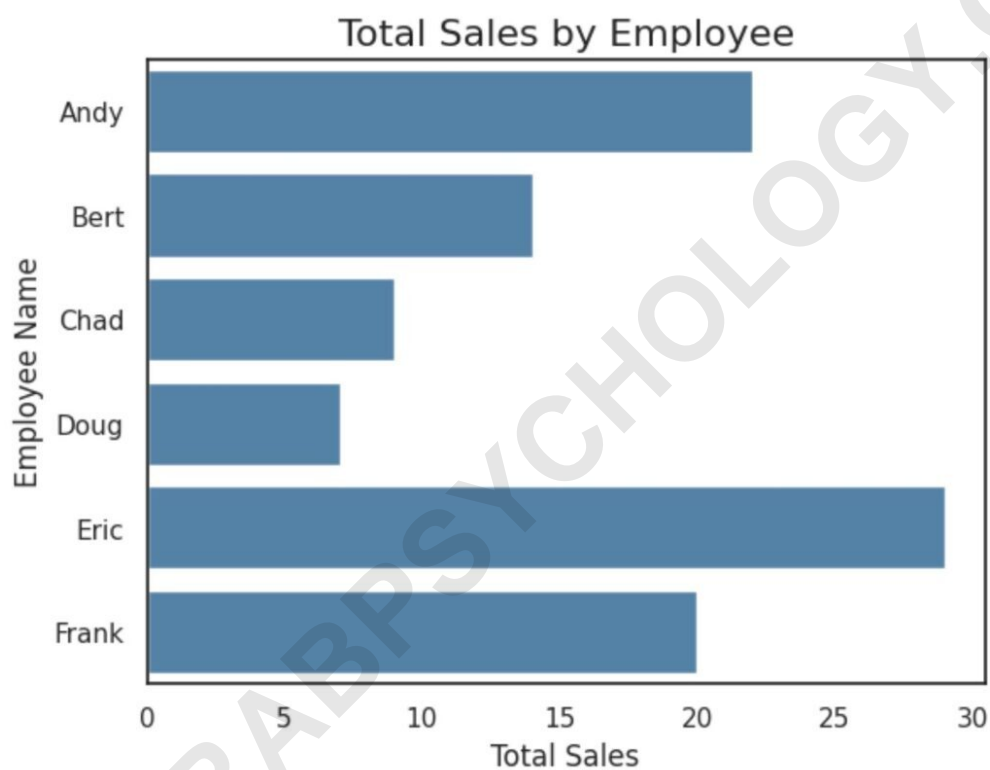
```
#add plot title
```

```
plt.title('Total Sales by Employee', fontsize=16)
```

```
#add axis labels
```

```
plt.xlabel('Total Sales')
```

```
plt.ylabel('Employee Name')
```



The bars in the plot now each have the same color and we've added an overall plot title and axis labels to make the plot easier to read.

Note: If you have trouble importing seaborn in a Jupyter notebook, you may first need to run the command `%pip`

install seaborn.

How to Create a Grouped Barplot in Seaborn

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