

How can I change the color of the bars in a Seaborn barplot?

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Seaborn is a popular data visualization library in Python that provides a variety of tools for creating visually appealing charts and graphs. One of the features of Seaborn is the ability to create barplots, which are useful for displaying categorical data. While Seaborn offers a default color scheme for its barplots, users may want to customize the colors to better suit their needs. To do so, they can use the "color" parameter in the barplot function and specify the desired color palette. This will allow users to change the color of the bars in a Seaborn barplot and create a more visually appealing and informative chart.

Set the Color of Bars in a Seaborn Barplot

You can use the following methods to set the color of bars in a barplot:

Method 1: Set Color for All Bars

```
#use steelblue for the color of all bars  
sns.barplot(x=xvar, y=yvar, color='steelblue')
```

Method 2: Set Color for Bar with Max Value

```
#use orange for bar with max value and grey for all  
other bars  
cols =
```

```
#create barplot using specified colors  
sns.barplot(x=df.xvar, y=df.yvar, palette=cols)
```

Method 3: Set Color for Bars Based on Condition

#use red for bars with value less than 10 and green for all other bars

cols =

#create barplot using specified colors

sns.barplot(x=df.xvar, y=df.yvar, palette=cols)

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

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

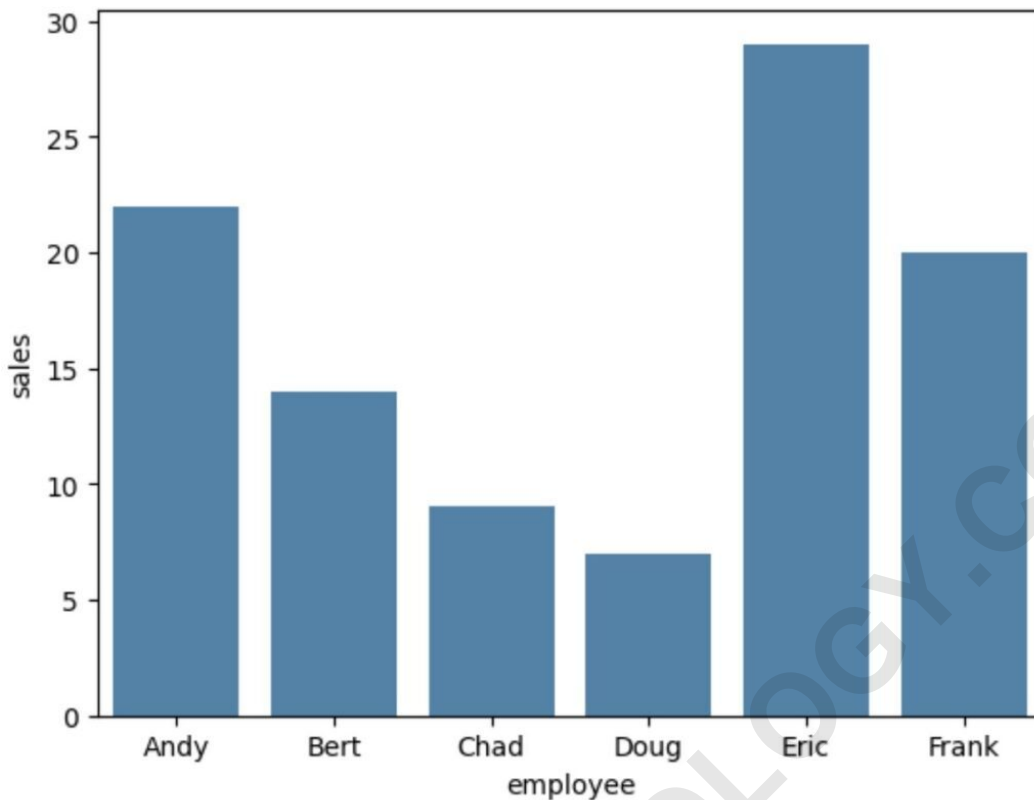
Example 1: Set Color for All Bars

The following code shows how to create a barplot in seaborn and use the color 'steelblue' for all bars in the plot:

```
import seaborn as sns
```

```
#create barplot using steelblue as color for each bar
```

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



Example 2: Set Color for Bar with Max Value

The following code shows how to use orange for the bar with the max value in the barplot and grey for all other bars:

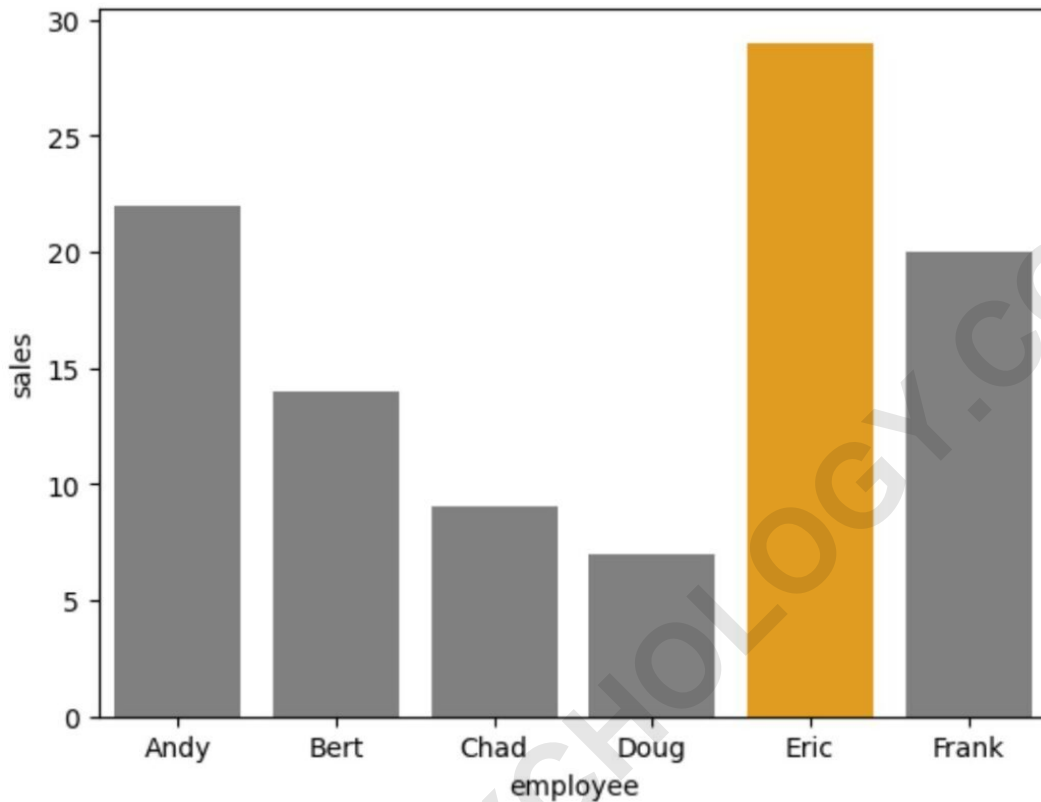
```
import seaborn as sns
```

```
#use orange for bar with max value and grey for all other bars
```

```
cols =
```

```
#create barplot with custom colors
```

```
sns.barplot(x=df.employee, y=df.sales, palette=cols)
```



Example 3: Set Color for Bar with Max Value

The following code shows how to use orange for the bar with the max value in the barplot and grey for all other bars:

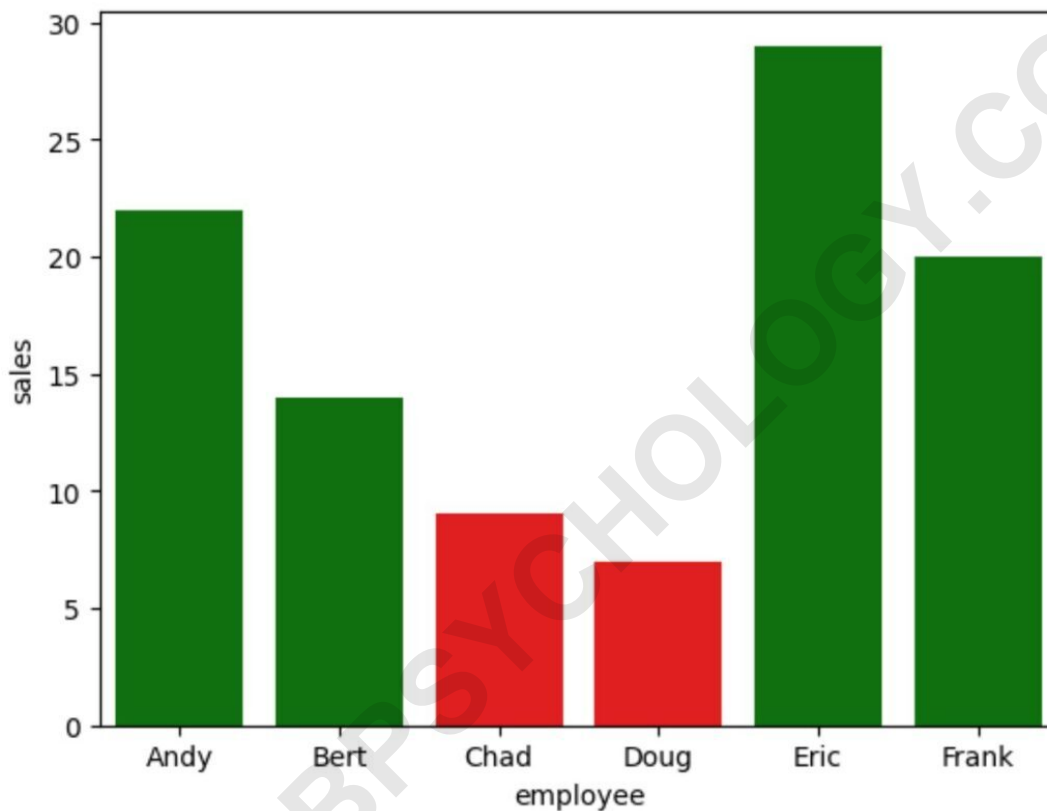
```
import seaborn as sns
```

```
#use red for bars with value less than 10 and green for all other bars
```

cols =

#create barplot with custom colors

sns.barplot(x=df.employee, y=df.sales, palette=cols)



The following tutorials explain how to perform other common functions in seaborn:

[How to Create a Grouped Barplot in Seaborn](#)