

How can I change the colors in a Seaborn lineplot?

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To change the colors in a Seaborn lineplot, one can use the "color" parameter in the lineplot function and specify the desired color. Additionally, the "palette" parameter can be used to define a color palette for the lineplot. Another option is to use the "hue" parameter to map different colors to different categories in the data. These options allow for customization and flexibility in changing the colors in a Seaborn lineplot.

Change the Colors in a Seaborn Lineplot

You can use the following methods to change the colors of lines in a seaborn plot:

Method 1: Change Color of One Line in Seaborn

You can use the color argument to specify the color when creating a line plot with one line:

```
sns.lineplot(data=df, x='x_var', y='y_var', color='red')
```

Method 2: Change Color of Multiple Lines in Seaborn

You can use the palette argument to specify several colors when creating a line plot with multiple lines:

```
sns.lineplot(data=df, x='x_var', y='y_var',  
hue='group_var', palette=)
```

The following examples show how to use each method

in practice.

Example 1: Change Color of One Line in Seaborn

Suppose we have the following pandas DataFrame that contains information about the sales made during ten consecutive days at some retail store:

```
import pandas as pd
```

```
#create DataFrame
```

```
df = pd.DataFrame({'day': ,  
'sales': })
```

```
#view DataFrame
```

```
print(df)
```

```
day sales
```

```
0 1 3
```

```
1 2 3
```

```
2 3 5
```

```
3 4 4
```

```
4 5 5
```

```
5 6 6
```

```
6 7 8
```

```
7 8 9
```

8 9 14

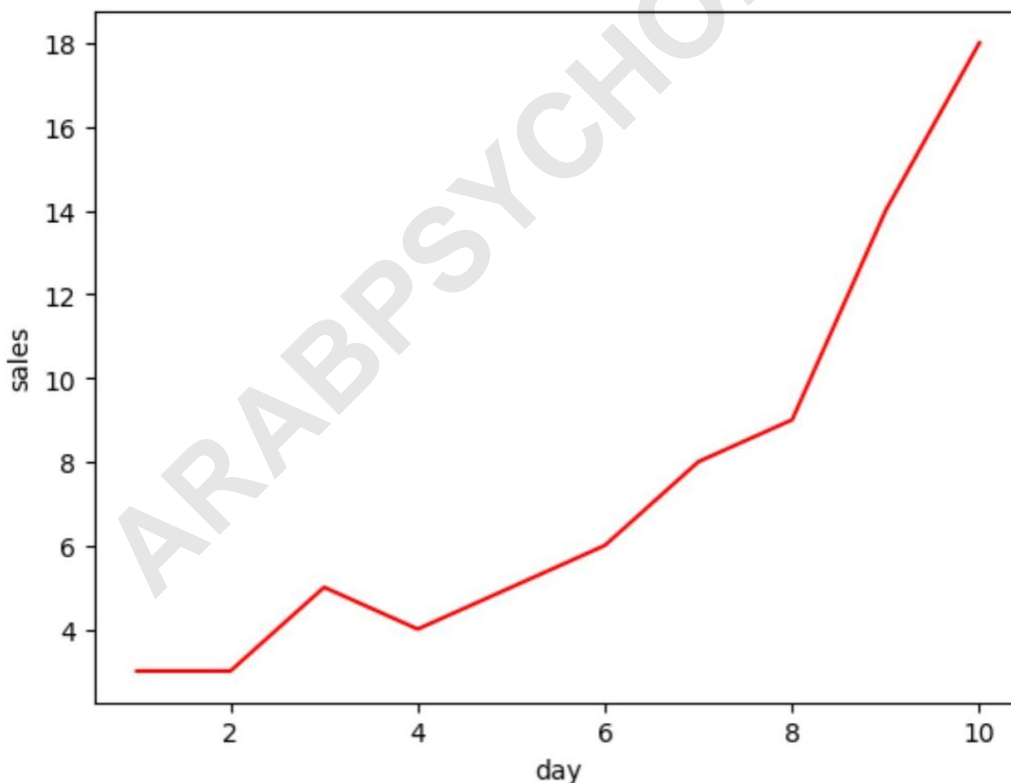
9 10 18

We can use the color argument within the lineplot() function to create a line plot with a specific color:

```
import seaborn as sns
```

```
#create lineplot with red line to show sales by day
```

```
sns.lineplot(data=df, x='day', y='sales', color='red')
```



The color of the line in the plot corresponds to the 'red'

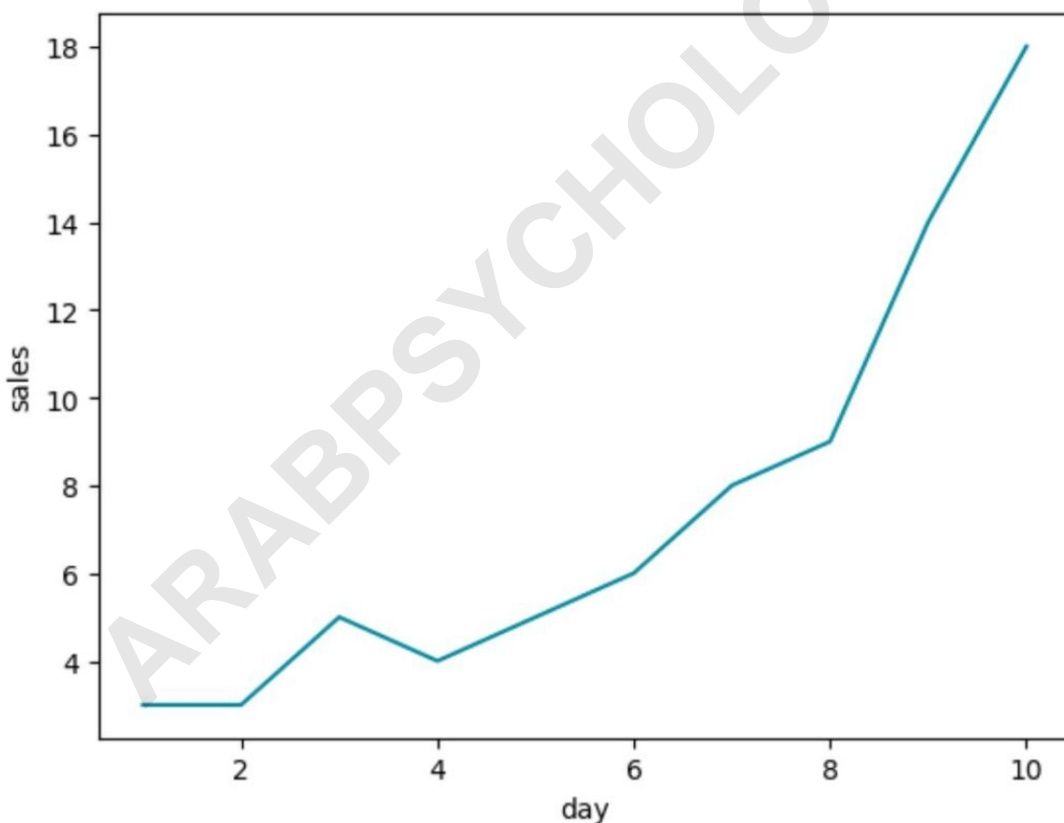
that we specified using the color argument.

Also note that we can provide hex color codes to the color argument:

```
import seaborn as sns
```

```
#create lineplot with teal line to show sales by day
```

```
sns.lineplot(data=df, x='day', y='sales', color='#028ca1')
```



Example 2: Change Color of Multiple Lines in Seaborn

Suppose we have the following pandas DataFrame that

contains information about the sales made during five consecutive days at two different retail stores:

```
import pandas as pd
```

```
#create DataFrame
```

```
df = pd.DataFrame({'day': ,  
'store': ,  
'sales': })
```

```
#view DataFrame
```

```
print(df)
```

```
day store sales
```

```
0 1 A 3
```

```
1 2 A 3
```

```
2 3 A 5
```

```
3 4 A 4
```

```
4 5 A 7
```

```
5 1 B 6
```

```
6 2 B 8
```

```
7 3 B 9
```

```
8 4 B 12
```

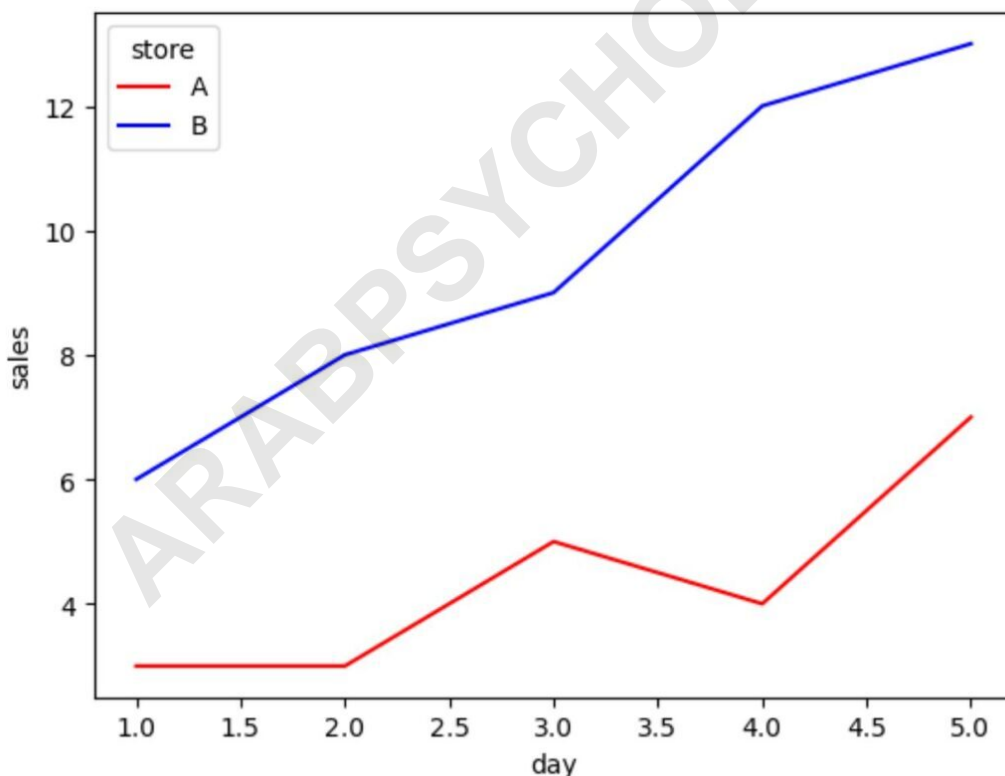
```
9 5 B 13
```

We can use the palette argument within the lineplot() function to create a line plot with multiple specific colors:

```
import seaborn as sns
```

```
#create lineplot with red and blue lines to show sales by day by store
```

```
sns.lineplot(data=df, x='day', y='sales', hue='store', palette=)
```



The colors of the lines correspond to the colors that we

specified using the palette argument.

Also note that you can provide hex color codes to the palette argument as well.

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

ARABPSYCHOLOGY.COM