

How can I create a Seaborn lineplot with dots as markers?

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Seaborn is a popular data visualization library in Python that offers a variety of tools for creating informative and visually appealing plots. One of its useful features is the ability to create lineplots with dots as markers. This can be achieved by using the "scatterplot" function in Seaborn, which allows the user to specify the style of the markers used in the plot. By setting the "marker" parameter to 'o' or any other desired shape, the lineplot will be displayed with dots as markers instead of the default line. This allows for a more precise representation of the data and can be helpful in highlighting specific data points. Additionally, Seaborn offers various customization options to enhance the aesthetics of the plot, making it a powerful tool for creating lineplots with dots as markers.

Create Seaborn Lineplot with Dots as Markers

You can use the marker argument with a value of o to create a seaborn lineplot with dots as markers:

```
import seaborn as sns
```

```
sns.lineplot(data=df, x='x_var', y='y_var', marker='o')
```

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

Example: Create Seaborn Lineplot with Dots as Markers

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
```

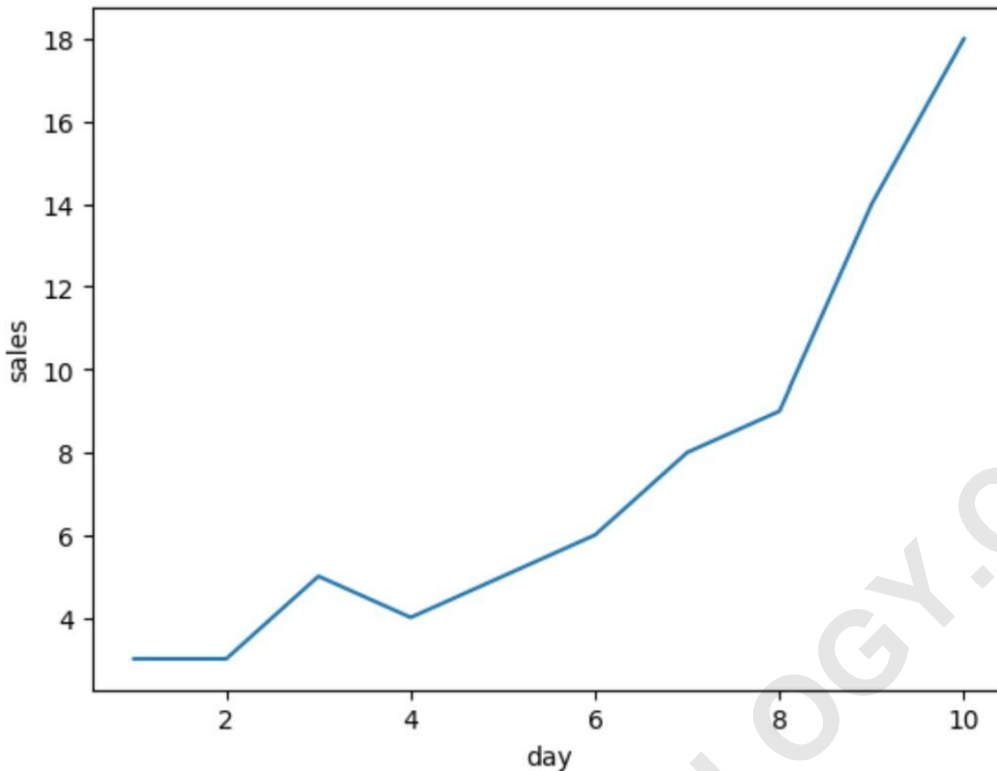
```
6 7 8
```

```
7 8 9
```

```
8 9 14
```

```
9 10 18
```

If we use the `lineplot()` function to create a line plot in seaborn, there will be no markers by default:

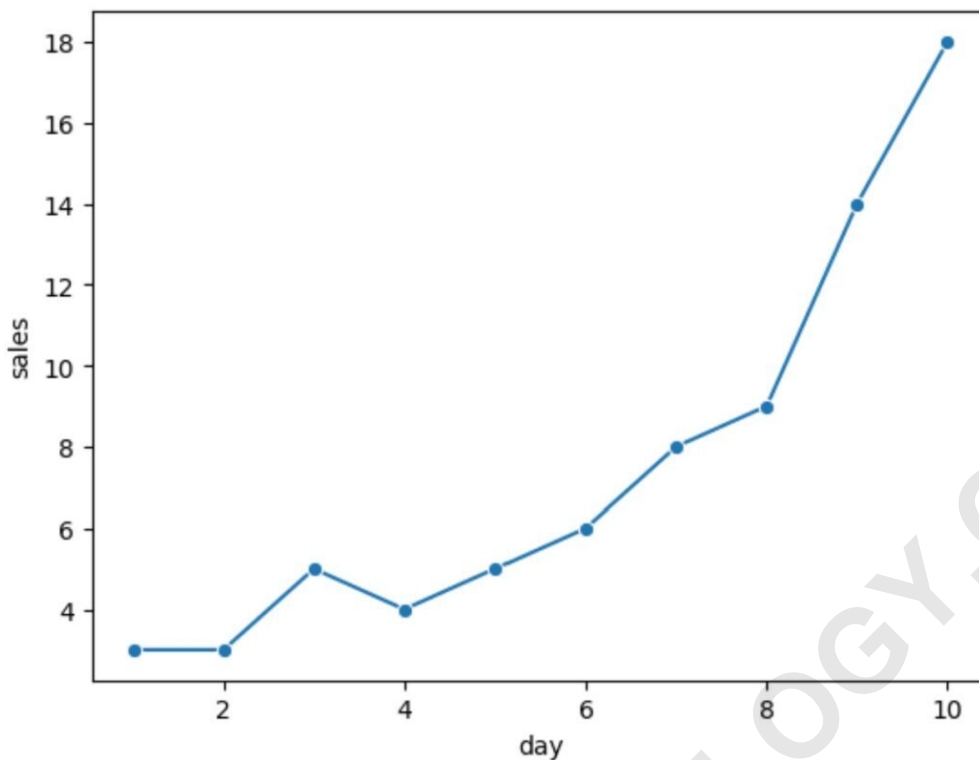


However, we can use the marker argument within the `lineplot()` function to create a line plot with dots as the markers:

```
import seaborn as sns
```

```
#create lineplot with dots as markers
```

```
sns.lineplot(data=df, x='day', y='sales', marker='o')
```



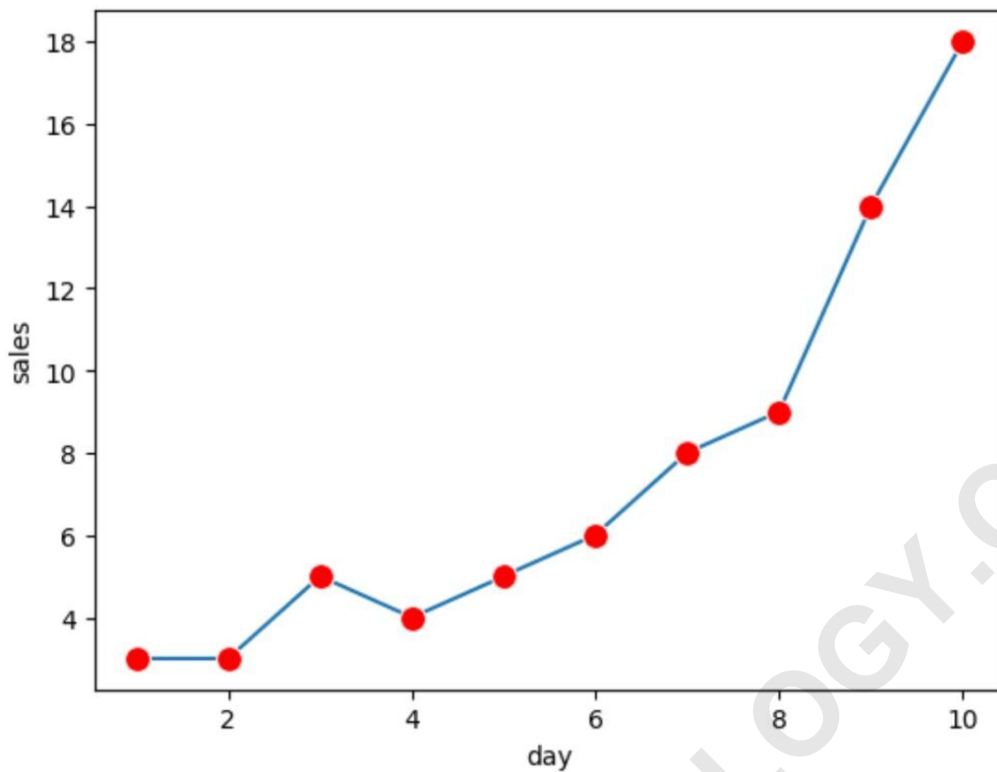
Notice that tiny dots are now used as markers in the line plot.

Also note that we can use the `markersize` and `markerfacecolor` arguments to change the size and color, respectively, of the markers:

```
import seaborn as sns
```

```
#create lineplot with custom dots as markers
```

```
sns.lineplot(data=df, x='day', y='sales', marker='o',  
markersize=10, markerfacecolor='red')
```



The dots are now red and have a larger size than the previous example.

Note that the default marker size is 6.

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