

How can I change the line style in a Seaborn lineplot?

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June 25, 2024

RECOMMENDED CITATION

stats writer (2024). *How can I change the line style in a Seaborn lineplot?*.

PSYCHOLOGICAL SCALES. Retrieved from <https://scales.arabpsychology.com/?p=152675>

The process of changing the line style in a Seaborn lineplot involves using the "linestyle" parameter within the "sns.lineplot()" function. This allows for the customization of the appearance of the lines in the plot, including options such as solid, dashed, or dotted lines. By adjusting this parameter, users can easily change the line style in their Seaborn lineplot to suit their specific needs and preferences.

Change Line Style in a Seaborn Lineplot

You can use the `linestyle` argument within the `lineplot()` function to adjust the style of a line in a seaborn lineplot:

```
import seaborn as sns
```

```
sns.lineplot(data=df, x='x_var', y='y_var',  
linestyle='dashed')
```

The most common styles to provide in the `linestyle` argument include:

```
solid (default)dasheddotteddashdot
```

The following example shows how to change the line style in a seaborn lineplot in practice.

Example: Change Line Style in Seaborn

Suppose we have the following pandas DataFrame that

contains information about the sales made each day 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
```

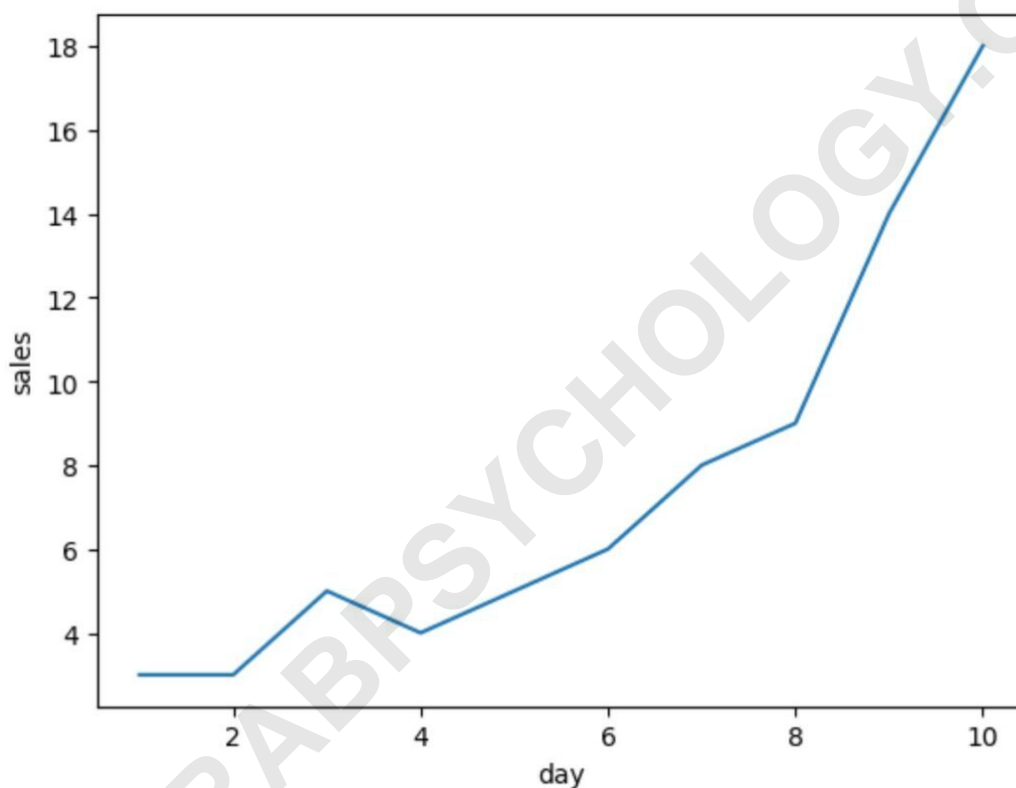
```
9 10 18
```

We can use the lineplot() function in seaborn to create a

line plot with a solid line:

```
import seaborn as sns
```

```
#create line plot with default line width  
sns.lineplot(data=df, x='day', y='sales')
```

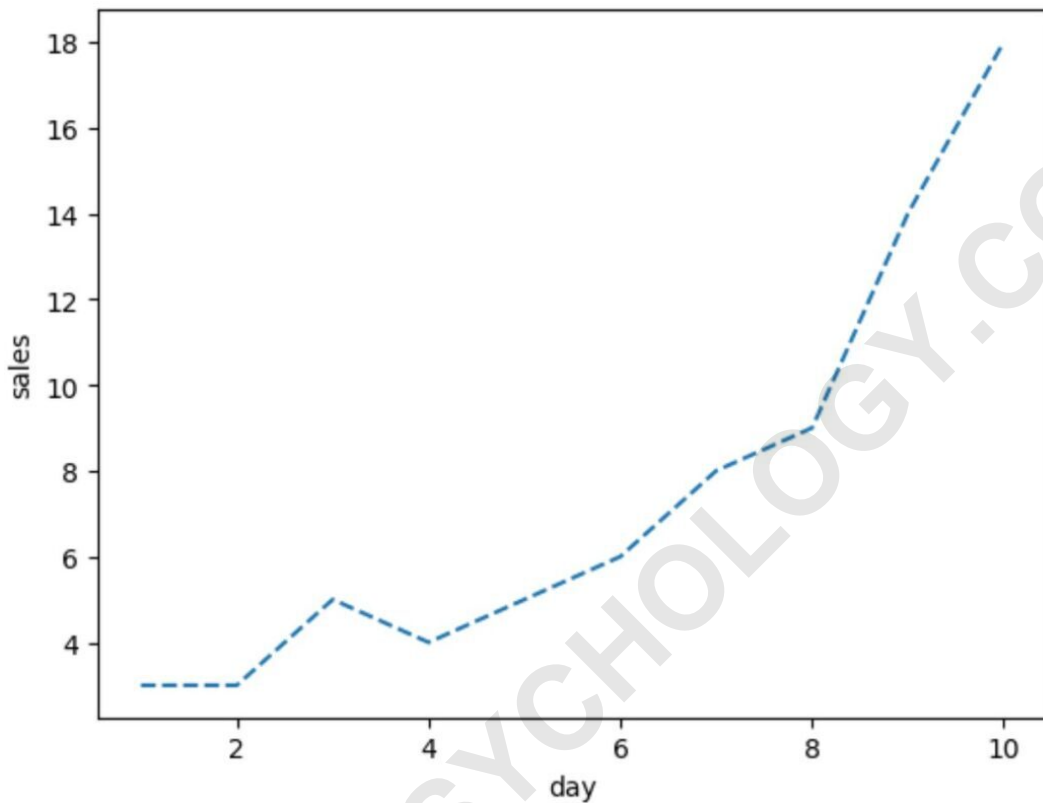


We can also use the `linestyle` argument to instead use a dashed line:

```
import seaborn as sns
```

```
#create line plot with dashed line
```

```
sns.lineplot(data=df, x='day', y='sales',  
linestyle='dashed')
```

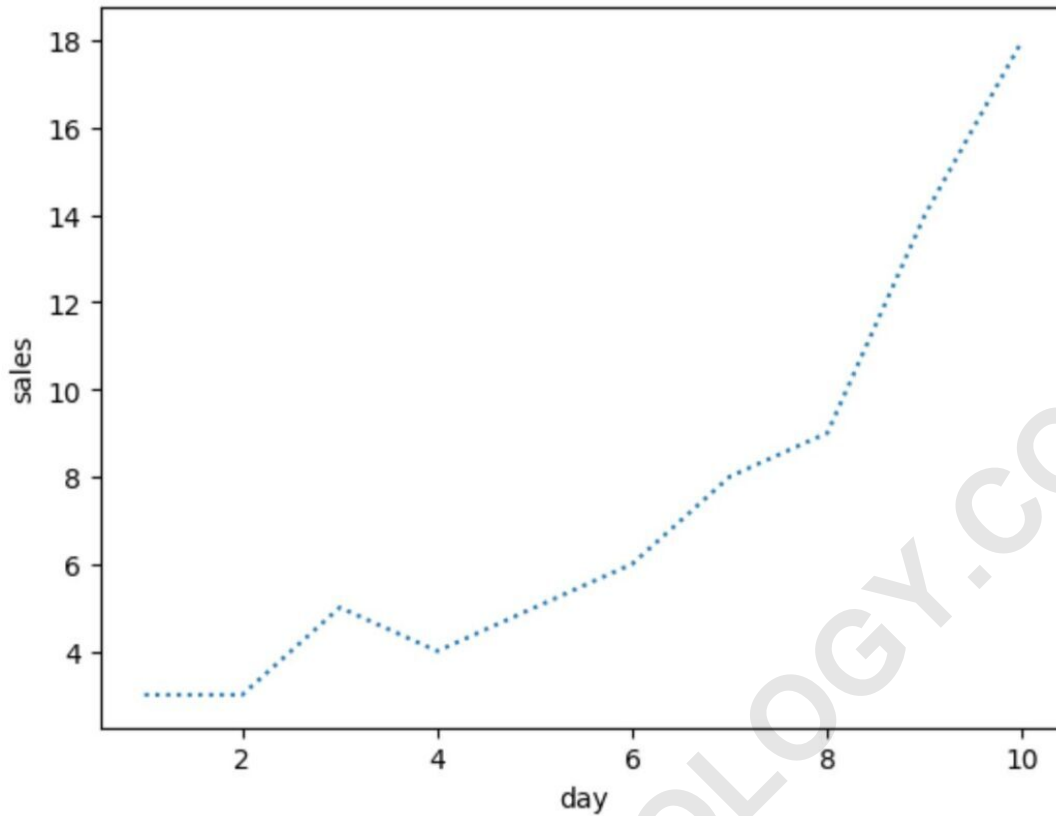


Or we could use the `linestyle` argument to instead use a dotted line:

```
import seaborn as sns
```

```
#create line plot with dotted line
```

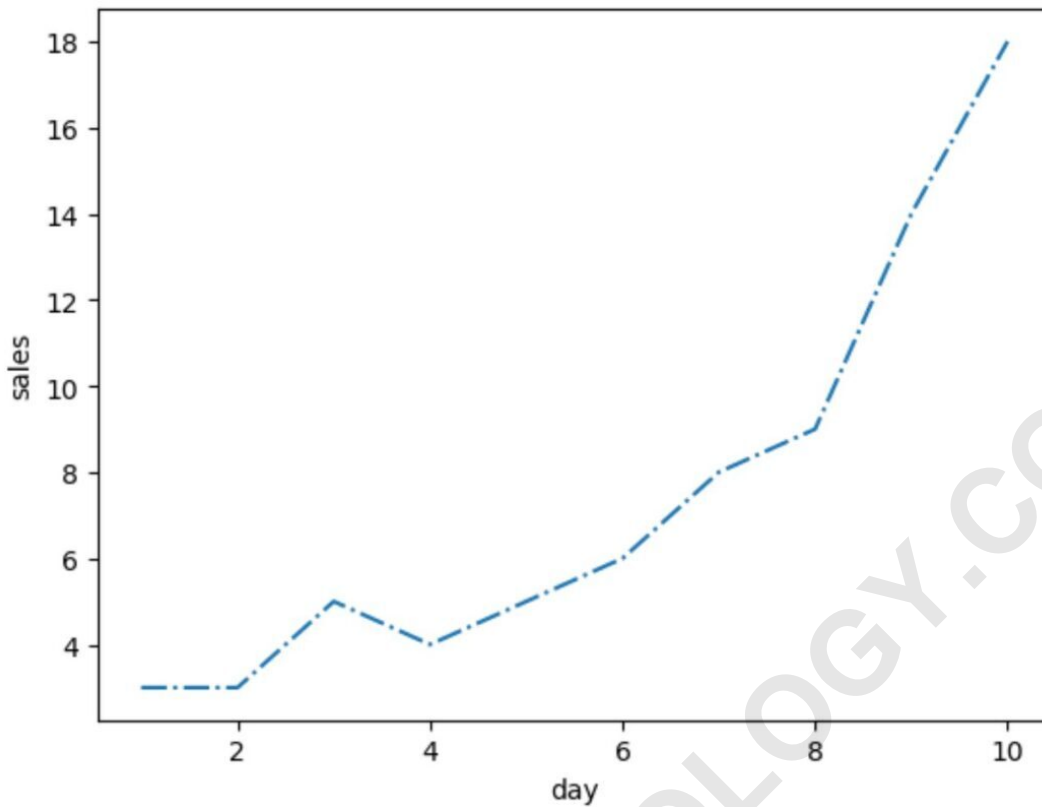
```
sns.lineplot(data=df, x='day', y='sales',  
linestyle='dotted')
```



```
import seaborn as sns
```

```
#create line plot with dashdot line
```

```
sns.lineplot(data=df, x='day', y='sales',  
linestyle='dashdot')
```



Also note that if you create a , the linestyle argument will affect the style of each line in the plot.

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