

Matplotlib 09__ Matplotlib Style

June 6, 2022

1 Matplotlib Style

Dalam sesi ini kita akan mempelajari style pada Matplotlib

1.1 1. Import Modules

```
[1]: %matplotlib inline
```

```
[2]: import matplotlib
import matplotlib.pyplot as plt
from matplotlib import style
import numpy as np

print(matplotlib.__version__)
print(np.__version__)
```

3.3.4

1.20.1

1.2 2. Fungsi Plotting

```
[3]: def gambar_barplot():
    data1 = [25, 85, 75, 40, 60]
    data2 = [40, 35, 20, 55, 10]
    kategori = ['A', 'B', 'C', 'D', 'E']

    x = np.arange(len(kategori))

    width = 0.35

    plt.bar(x-width/2, data1, width, label = 'Data 1')
    plt.bar(x+width/2, data2, width, label = 'Data 2')

    plt.xticks(x, kategori)

    plt.grid(linestyle = '--',
            linewidth = 1,
            axis = 'y',
```

```

alpha = 0.75)

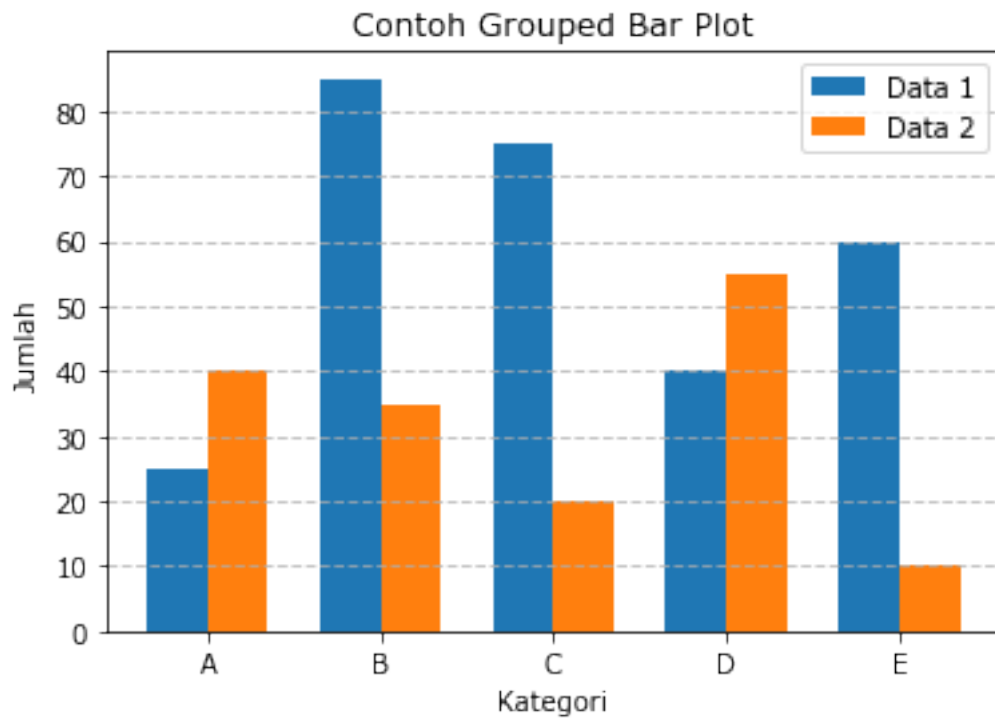
plt.xlabel('Kategori')
plt.ylabel('Jumlah')
plt.title('Contoh Grouped Bar Plot')

plt.legend()

plt.show()

```

```
[4]: gambar_barplot()
```



1.3 3. Matplotlib Style

```
[5]: plt.style.available
```

```
[5]: ['Solarize_Light2',
      '_classic_test_patch',
      'bmh',
      'classic',
      'dark_background',
      'fast',
      'fivethirtyeight',

```

```

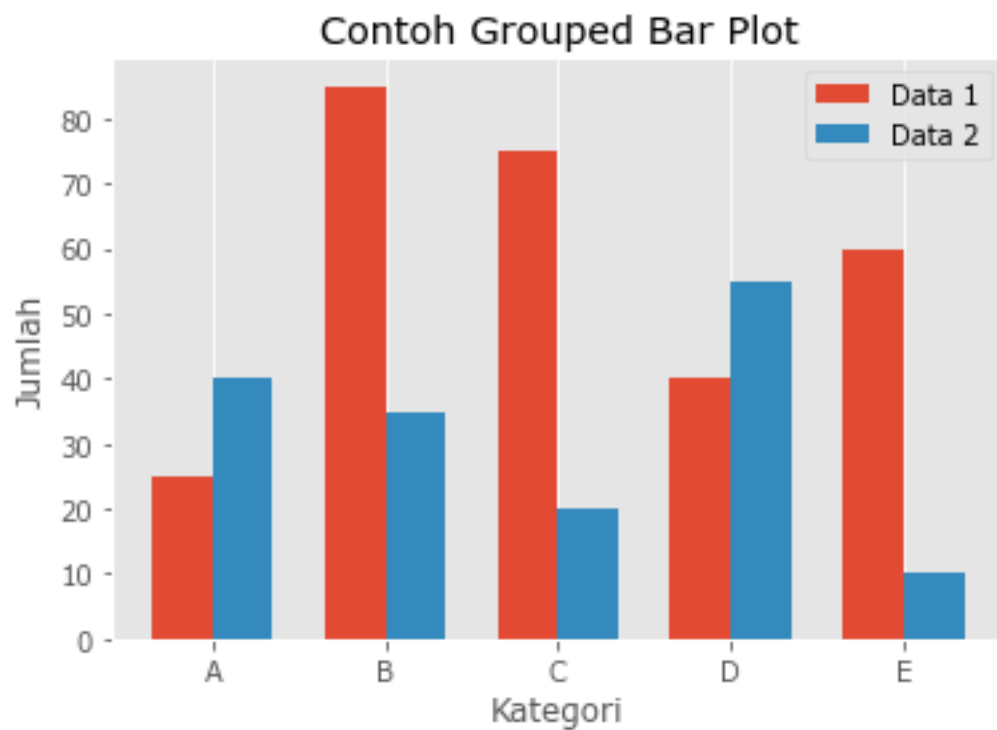
'ggplot',
'grayscale',
'seaborn',
'seaborn-bright',
'seaborn-colorblind',
'seaborn-dark',
'seaborn-dark-palette',
'seaborn-darkgrid',
'seaborn-deep',
'seaborn-muted',
'seaborn-notebook',
'seaborn-paper',
'seaborn-pastel',
'seaborn-poster',
'seaborn-talk',
'seaborn-ticks',
'seaborn-white',
'seaborn-whitegrid',
'tableau-colorblind10']

```

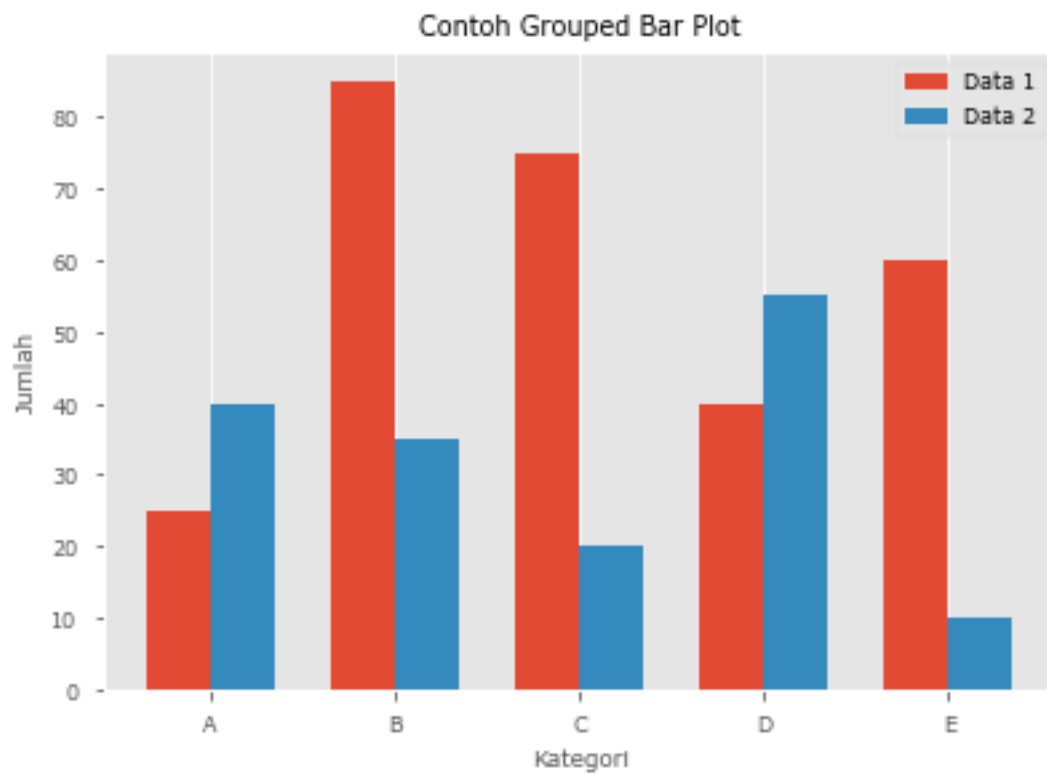
```

[6]: style.use('ggplot')
gambar_barplot()

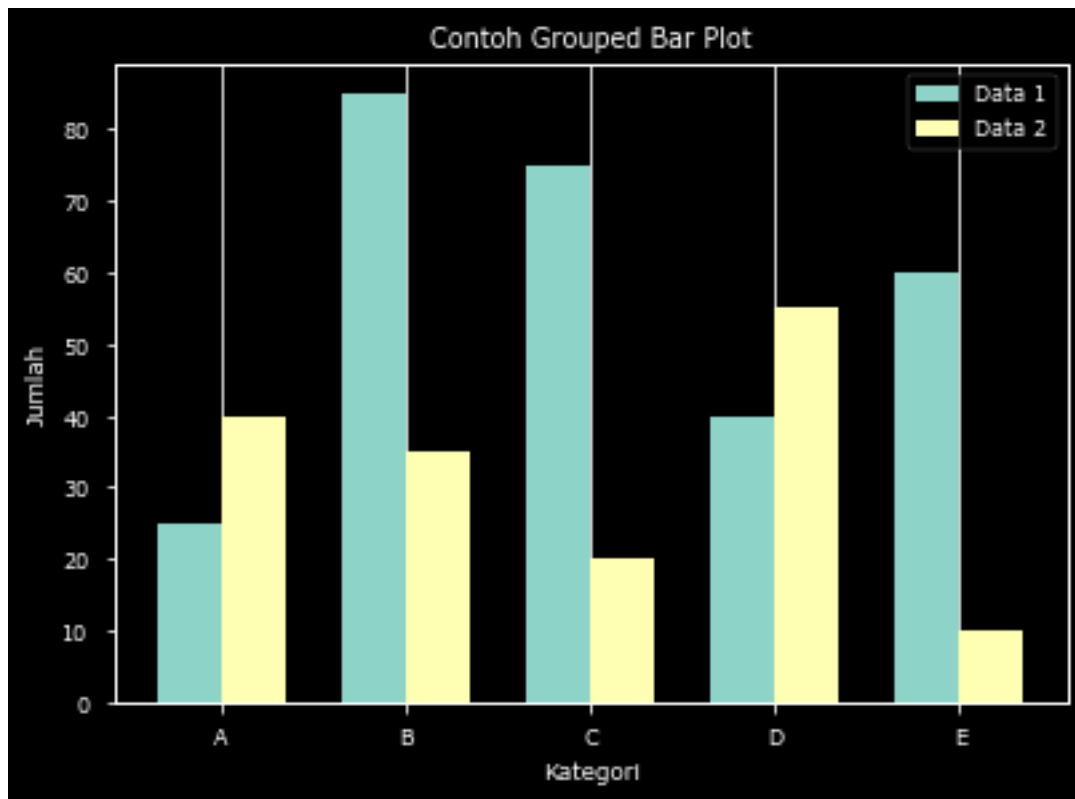
```



```
[7]: style.use('seaborn-paper')  
gambar_barplot()
```



```
[8]: style.use('dark_background')  
gambar_barplot()
```



[]: