Matplotlib 05_Belajar Bar Plot

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0.1 Bar Plot / Bar Chart

Dalam sesi ini kita akan mempelajari cara membuat bar plot dengan Matplotlib

```
[1]: %matplotlib inline

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

print(matplotlib.__version__)
print(np.__version__)
3.3.4
1.20.1
```

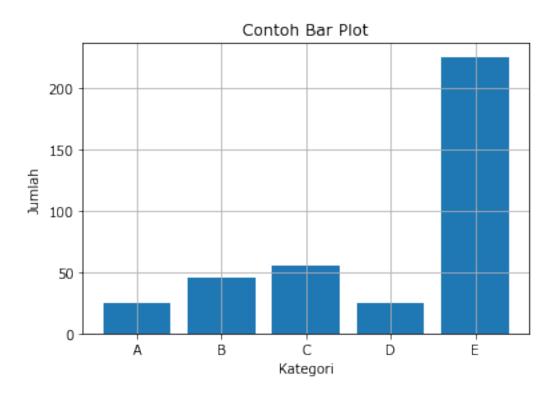
0.2 1. Simple Bar Plot

```
[3]: data = [25, 45, 55, 25, 225]
kategori = ['A', 'B', 'C', 'D', 'E']

[4]: plt.bar(kategori, data)
plt.grid()

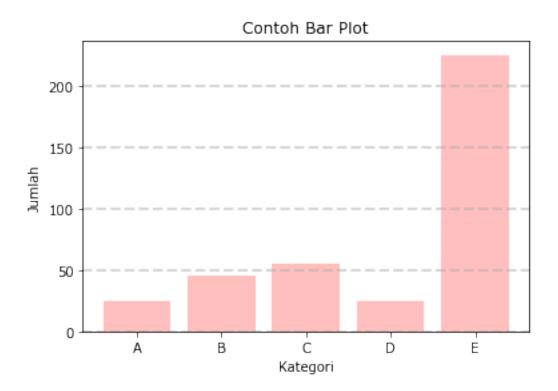
plt.xlabel('Kategori')
plt.ylabel('Jumlah')
plt.title('Contoh Bar Plot')

plt.show()
```

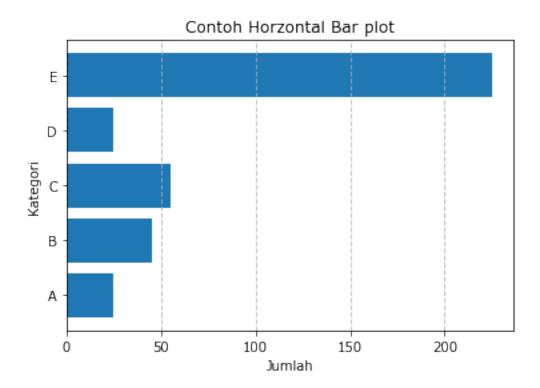


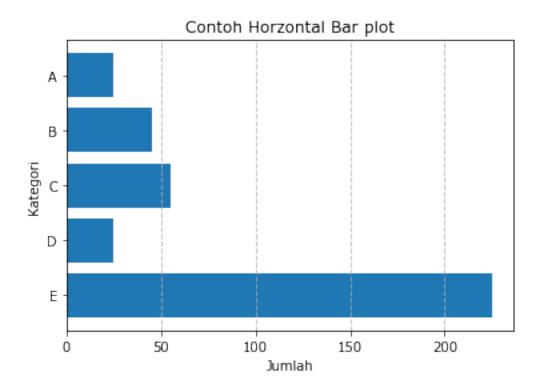
0.3 2. Pengaturan Grid dan Color

```
[5]: data = [25, 45, 55, 25, 225]
kategori = ['A', 'B', 'C', 'D', 'E']
```

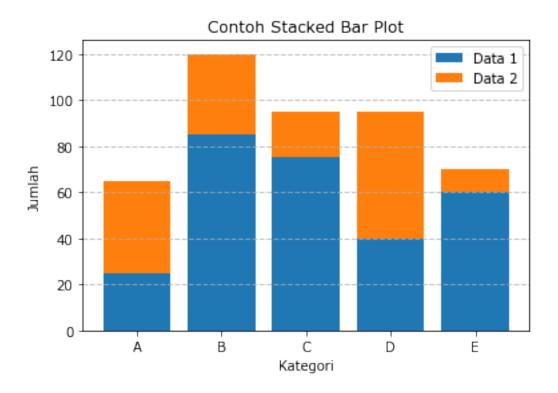


0.4 3. Horizontal Bar Plot





0.5 4. Stacked Bar Plot



0.6 5. Grouped Bar Plot

```
[12]: data1 = [25, 85, 75, 40, 60]
  data2 = [40, 35, 20, 55, 10]

x = np.arange(len(kategori))
x
```

```
[12]: array([0, 1, 2, 3, 4])
```

```
plt.ylabel('Jumlah')
plt.title('Contoh Grouped Bar Plot')
plt.show()
```

