Matplotlib 08_Belajar Scatter Plot

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0.1 Scatter Plot / Scatter Chart

Dalam sesi ini kita akan mempelajari cara membuat scatter plot dengan matplotlib.

```
[1]: %matplotlib inline

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

print(matplotlib.__version__)
```

3.3.4

0.2 1. Simple Scatter Plot

```
[3]: x = [2, 4, 6, 8, 10, 11, 11.5, 11.7]

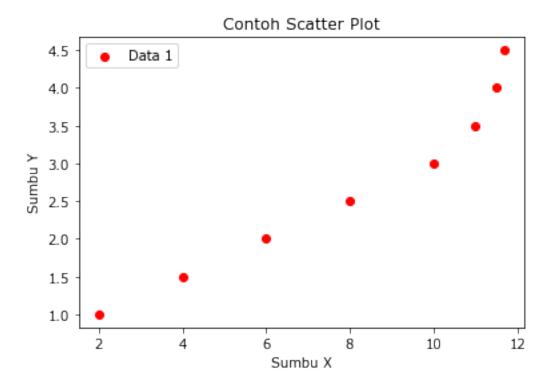
y = [1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5]
```

```
[4]: plt.scatter(x, y, label = 'Data 1', color = 'r')

plt.xlabel('Sumbu X')
plt.ylabel('Sumbu Y')
plt.title('Contoh Scatter Plot')

plt.legend()

plt.show()
```



0.3 2. Multiple Scatter Plot

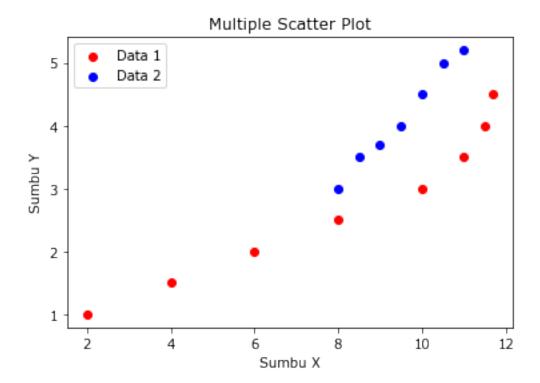
```
[5]: x1 = [2, 4, 6, 8, 10, 11, 11.5, 11.7]
y1 = [1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5]

x2 = [8, 8.5, 9, 9.5, 10, 10.5, 11]
y2 = [3, 3.5, 3.7, 4, 4.5, 5, 5.2]

[6]: plt.scatter(x1, y1, label = 'Data 1', color = 'r')
plt.scatter(x2, y2, label = 'Data 2', color = 'b')

plt.xlabel('Sumbu X')
plt.ylabel('Sumbu Y')
plt.title('Multiple Scatter Plot')

plt.legend()
plt.show()
```



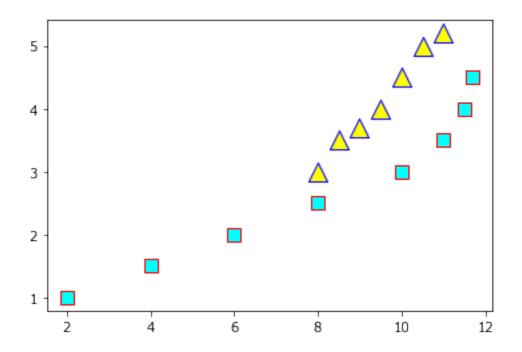
0.4 3. Pengaturan Marker

```
[7]: x1 = [2, 4, 6, 8, 10, 11, 11.5, 11.7]

y1 = [1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5]

x2 = [8, 8.5, 9, 9.5, 10, 10.5, 11]

y2 = [3, 3.5, 3.7, 4, 4.5, 5, 5.2]
```



0.5 4. Scatter Plot untuk data multi dimensi