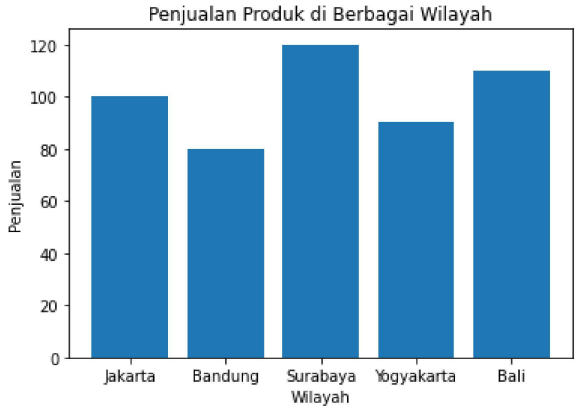
In [1]:

```
import matplotlib.pyplot as plt

data = {'Wilayah': ['Jakarta', 'Bandung', 'Surabaya', 'Yogyakarta', 'Bali'],
 'Penjualan': [100, 80, 120, 90, 110]}

plt.bar(data['Wilayah'], data['Penjualan'])
plt.xlabel('Wilayah')
plt.ylabel('Penjualan')
plt.title('Penjualan Produk di Berbagai Wilayah')
plt.show()
```

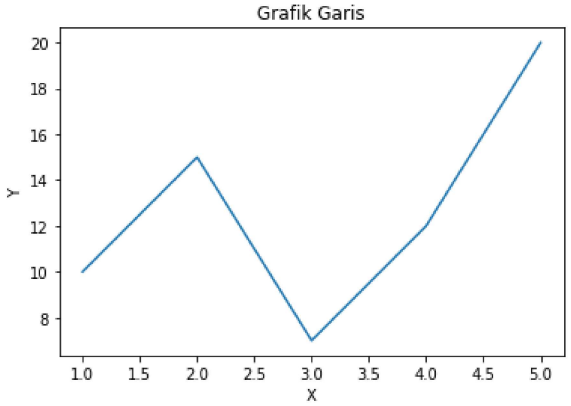


In [2]:

```
import matplotlib.pyplot as plt

x = [1, 2, 3, 4, 5]
y = [10, 15, 7, 12, 20]

plt.plot(x, y)
plt.xlabel('X')
plt.ylabel('Y')
plt.title('Grafik Garis')
plt.show()
```

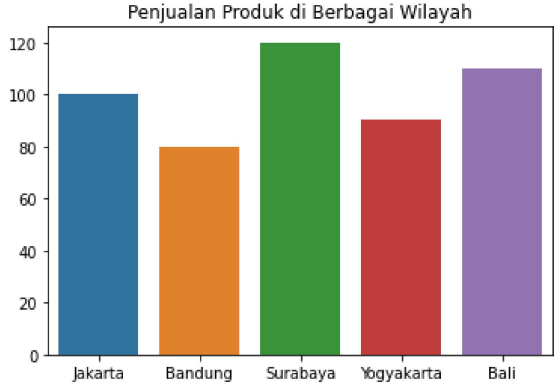


In [3]:

```
import seaborn as sns
import matplotlib.pyplot as plt

data = {'Wilayah': ['Jakarta', 'Bandung', 'Surabaya', 'Yogyakarta', 'Bali'],
 'Penjualan': [100, 80, 120, 90, 110]}

sns.barplot(x='Wilayah', y='Penjualan', data=data)
plt.title('Penjualan Produk di Berbagai Wilayah')
plt.show()
```

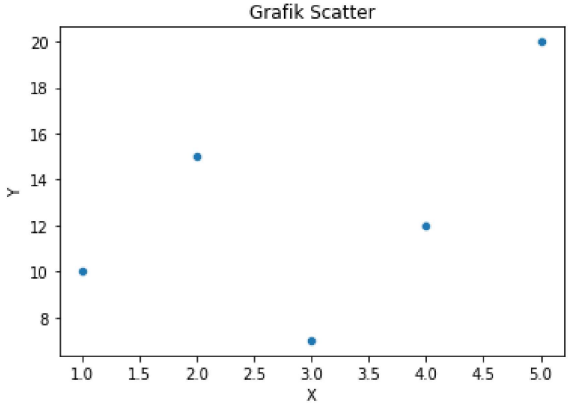


In [4]:

```
import seaborn as sns
import matplotlib.pyplot as plt

x = [1, 2, 3, 4, 5]
y = [10, 15, 7, 12, 20]

sns.scatterplot(x=x, y=y)
plt.xlabel('X')
plt.ylabel('Y')
plt.title('Grafik Scatter')
plt.show()
```

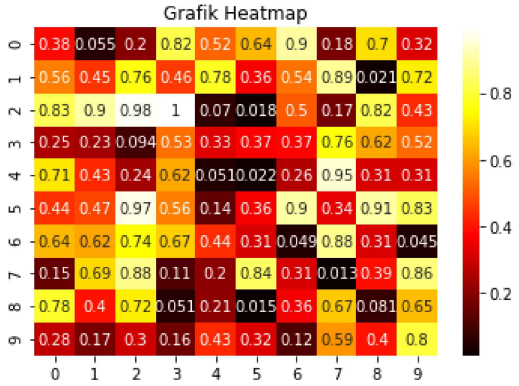


In [5]:

```
import seaborn as sns
import matplotlib.pyplot as plt
import numpy as np

data = np.random.rand(10, 10)

sns.heatmap(data, cmap='hot', annot=True)
plt.title('Grafik Heatmap')
plt.show()
```

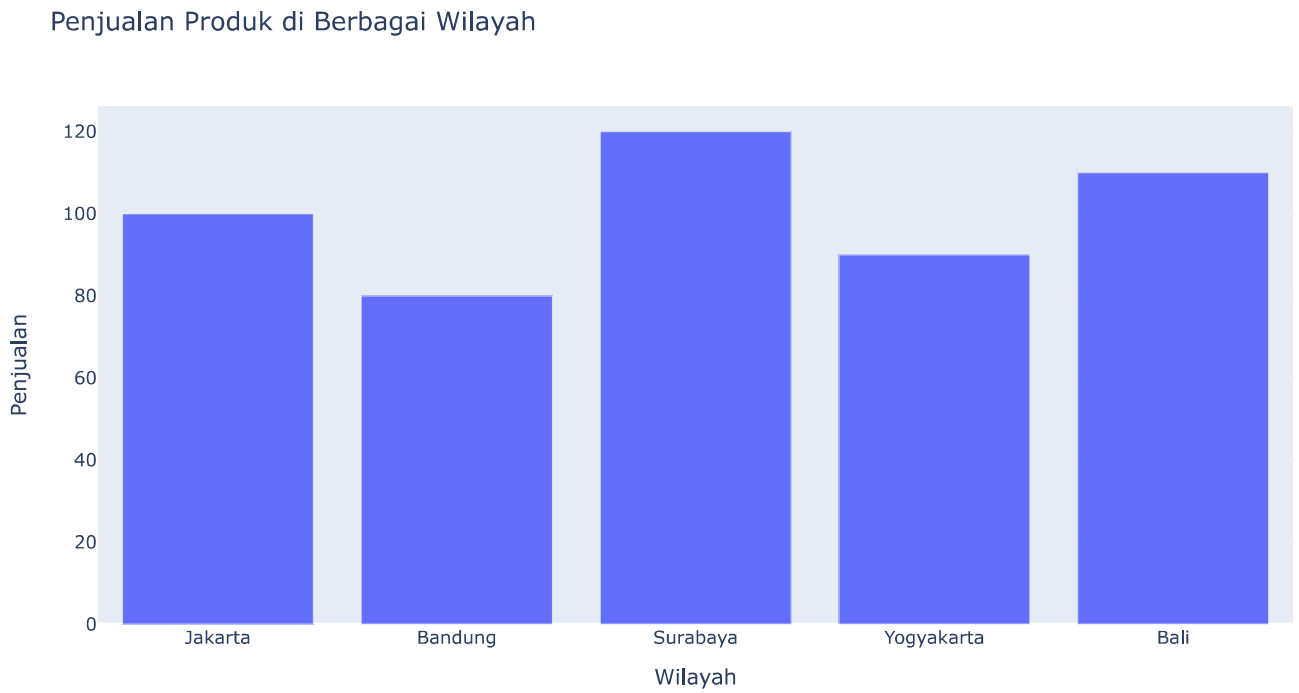


In [6]:

```
import plotly.graph_objs as go

data = {'Wilayah': ['Jakarta', 'Bandung', 'Surabaya', 'Yogyakarta', 'Bali'],
 'Penjualan': [100, 80, 120, 90, 110]}

fig = go.Figure(data=[go.Bar(x=data['Wilayah'], y=data['Penjualan'])])
fig.update_layout(title='Penjualan Produk di Berbagai Wilayah', xaxis_title='Wilayah', yaxis_title='Penjualan')
fig.show()
```

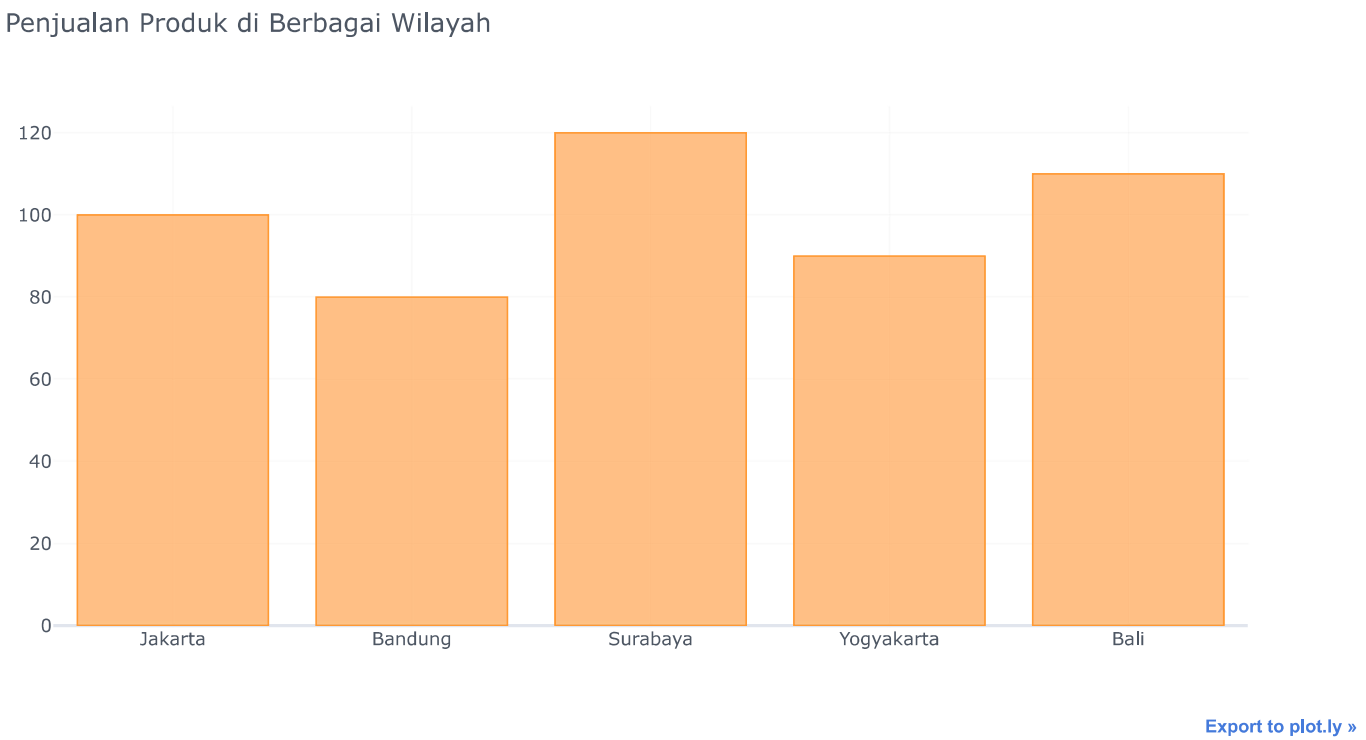


In [7]:

```
import cufflinks as cf
import pandas as pd


data = pd.DataFrame({'Wilayah': ['Jakarta', 'Bandung', 'Surabaya', 'Yogyakarta', 'Bali'],
 'Penjualan': [100, 80, 120, 90, 110]})

cf.go_offline()
data.iplot(kind='bar', x='Wilayah', y='Penjualan', title='Penjualan Produk di Berbagai Wilayah')
```

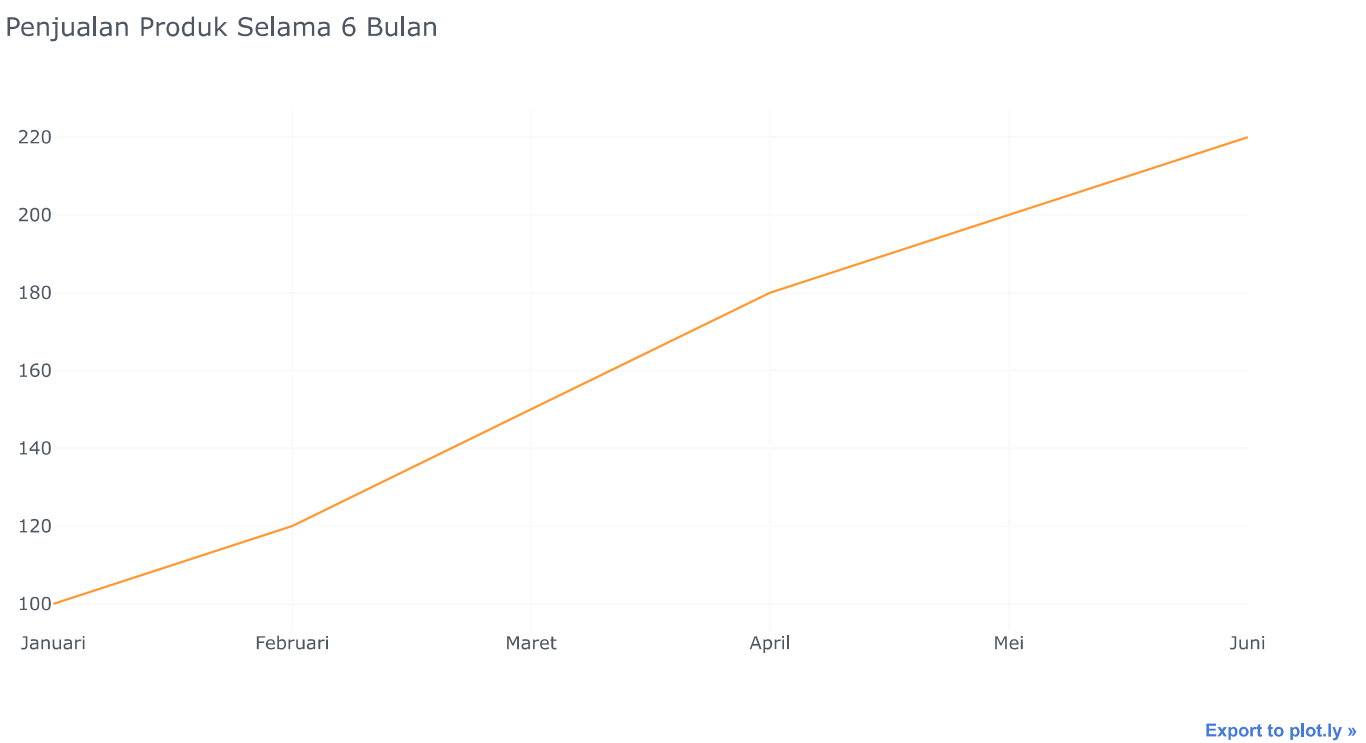


In [8]:

```
import cufflinks as cf
import pandas as pd

data = pd.DataFrame({
 'Bulan': ['Januari', 'Februari', 'Maret', 'April', 'Mei', 'Juni'],
 'Penjualan': [100, 120, 150, 180, 200, 220]
})

cf.go_offline()
data.iplot(kind='line', x='Bulan', y='Penjualan', title='Penjualan Produk Selama 6 Bulan')
```



In [9]:

```
import folium

latitude = [-6.1745, -6.9144, -7.2575]
longitude = [106.8227, 107.6091, 112.7373]

m = folium.Map(location=[-6.1745, 106.8227], zoom_start=7)

for i in range(len(latitude)):
 folium.Marker([latitude[i], longitude[i]], popup='Lokasi ' + str(i+1)).add_to(m)
folium.PolyLine([[latitude[0], longitude[0]], [latitude[1], longitude[1]], [latitude[2], longitude[2]]]).add_to(m)

m.save('grafik-lokasi.html')
```

In [10]:

```
import folium

data = {'Wilayah': ['Jakarta', 'Bandung', 'Surabaya', 'Yogyakarta', 'Bali'],
 'Penjualan': [100, 80, 120, 90, 110],
 'Latitude': [-6.1745, -6.9144, -7.2575, -7.7974, -8.4095],
 'Longitude': [106.8227, 107.6091, 112.7373, 110.3693, 115.1889]}

m = folium.Map(location=[-6.1745, 106.8227], zoom_start=7)

for i in range(len(data['Wilayah'])):
 folium.Marker([data['Latitude'][i], data['Longitude'][i]],
               popup=data['Wilayah'][i] + ': ' + str(data['Penjualan'][i])).add_to(m)

m.save('penjualan_produk.html')
```