```
!pip install pywaffle
```

```
Requirement already satisfied: pywaffle in /usr/local/lib/python3.7/dist-packages (0.6.3)
Requirement already satisfied: matplotlib in /usr/local/lib/python3.7/dist-packages (from pywaffle) (3.2.2)
Requirement already satisfied: kiwisolver>=1.0.1 in /usr/local/lib/python3.7/dist-packages (from matplotlib->pywaffle) (1.3.2)
Requirement already satisfied: numpy>=1.11 in /usr/local/lib/python3.7/dist-packages (from matplotlib->pywaffle) (1.19.5)
Requirement already satisfied: python-dateutil>=2.1 in /usr/local/lib/python3.7/dist-packages (from matplotlib->pywaffle) (2.8.2)
Requirement already satisfied: cycler>=0.10 in /usr/local/lib/python3.7/dist-packages (from matplotlib->pywaffle) (0.11.0)
Requirement already satisfied: pyparsing!=2.0.4,!=2.1.2,!=2.1.6,>=2.0.1 in /usr/local/lib/python3.7/dist-packages (from matplotlib->pywaf
Requirement already satisfied: six>=1.5 in /usr/local/lib/python3.7/dist-packages (from python-dateutil>=2.1->matplotlib->pywaffle) (1.15
```

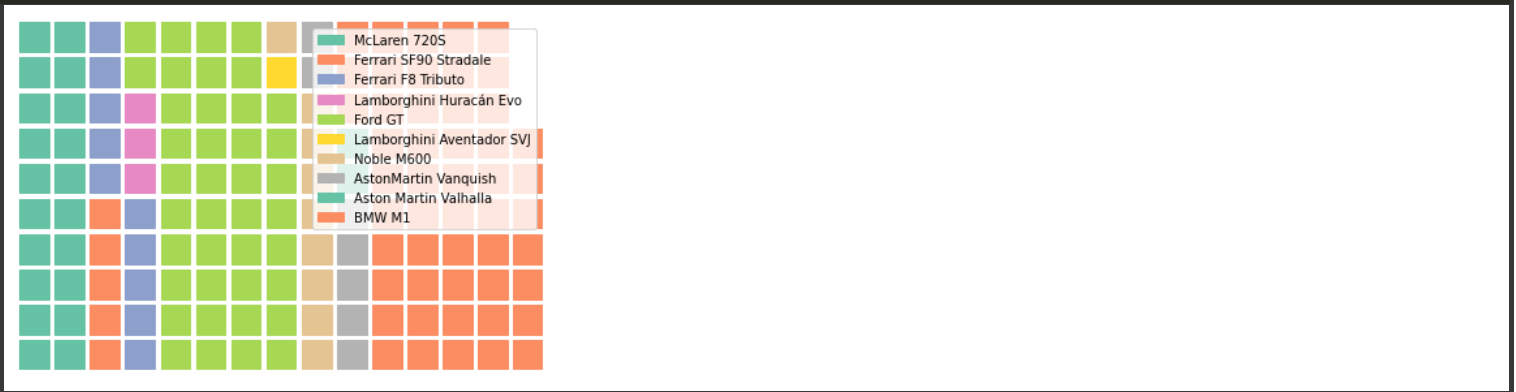
```
import pandas as pd
import matplotlib.pyplot as plt
from pywaffle import Waffle
```

1. Visualisasi dengan menggunakan data penjualan mobil

```
data = {'car': ['McLaren 720S',
                'Ferrari SF90 Stradale',
                'Ferrari F8 Tributo',
                'Lamborghini Huracán Evo',
                'Ford GT',
                'Lamborghini Aventador SVJ',
                'Noble M600',
                'AstonMartin Vanquish',
                'Aston Martin Valhalla',
                'BMW M1'
                ],
         'stock': [20, 5, 10, 3, 40, 1, 9, 7, 2, 50]
        }
```

```
df = pd.DataFrame(data)
```

```
fig = plt.figure(
    FigureClass = Waffle,
    rows = len(df),
    values = df.stock,
    labels = list(df.car)
)
```



2. Visualisasi dengan menggunakan data peta US

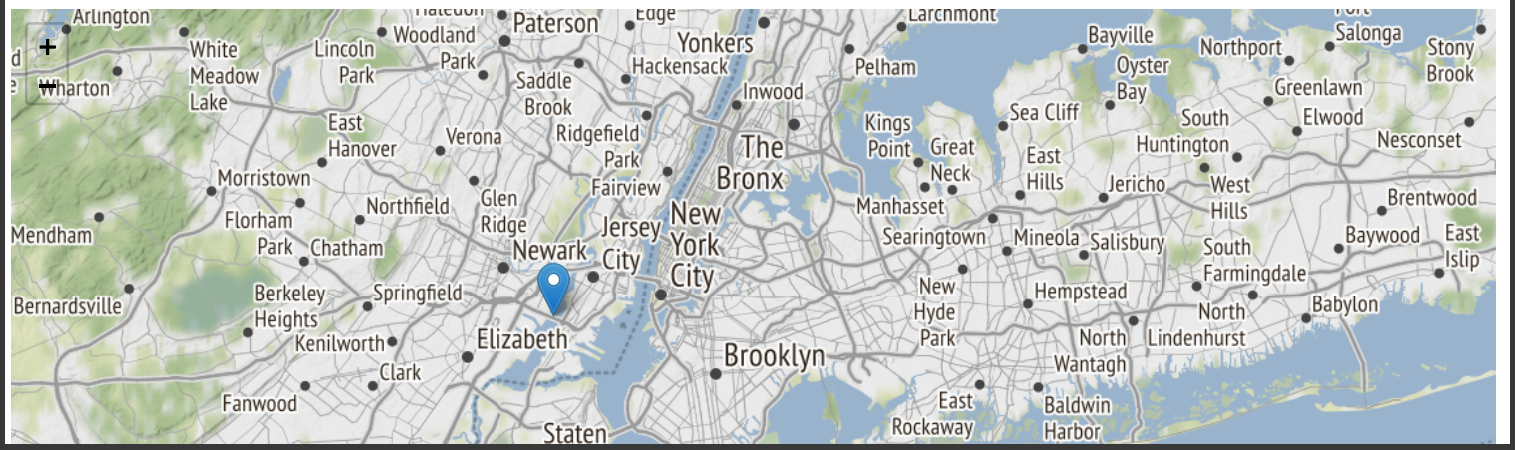
```
import folium
```

```
m = folium.Map(location = [36.242901, -113.7442726],
               zoom_start = 17,
               tiles = 'Stamen Terrain'
              )
```

```
folium.Marker([40.6976633, -74.1201077],
              popup = 'New York City').add_to(m)
```

```
<folium.map.Marker at 0x7fe06af1da90>
```

```
m
```



3. Additional Visualization

```
import numpy as np
```

```
y = np.array([20, 5, 10, 3, 40, 1, 9, 7, 2, 50])
mylabels = ['McLaren 720S',
                'Ferrari SF90 Stradale',
                'Ferrari F8 Tributo',
                'Lamborghini Huracán Evo',
                'Ford GT',
                'Lamborghini Aventador SVJ',
                'Noble M600',
                'AstonMartin Vanquish',
                'Aston Martin Valhalla',
                'BMW M1']

plt.pie(y, labels = mylabels)
plt.show()
```