Assigment Day 2 : KKN Pipelines Date 12/12/2022

```
import matplotlib.pylab as plt
from sklearn.metrics import mean_squared_error
from sklearn.datasets import load_boston
from sklearn.preprocessing import StandardScaler
from sklearn.pipeline import Pipeline
from sklearn.neighbors import KNeighborsRegressor

X,y = load_boston(return_X_y=True)
```

KNN

```
pipe =Pipeline([("scaler:",StandardScaler()),
("Algo",KNeighborsRegressor())])

pipe
```

```
Pipeline(steps=[('scaler:', StandardScaler()), ('Algo',
KNeighborsRegressor())])
```

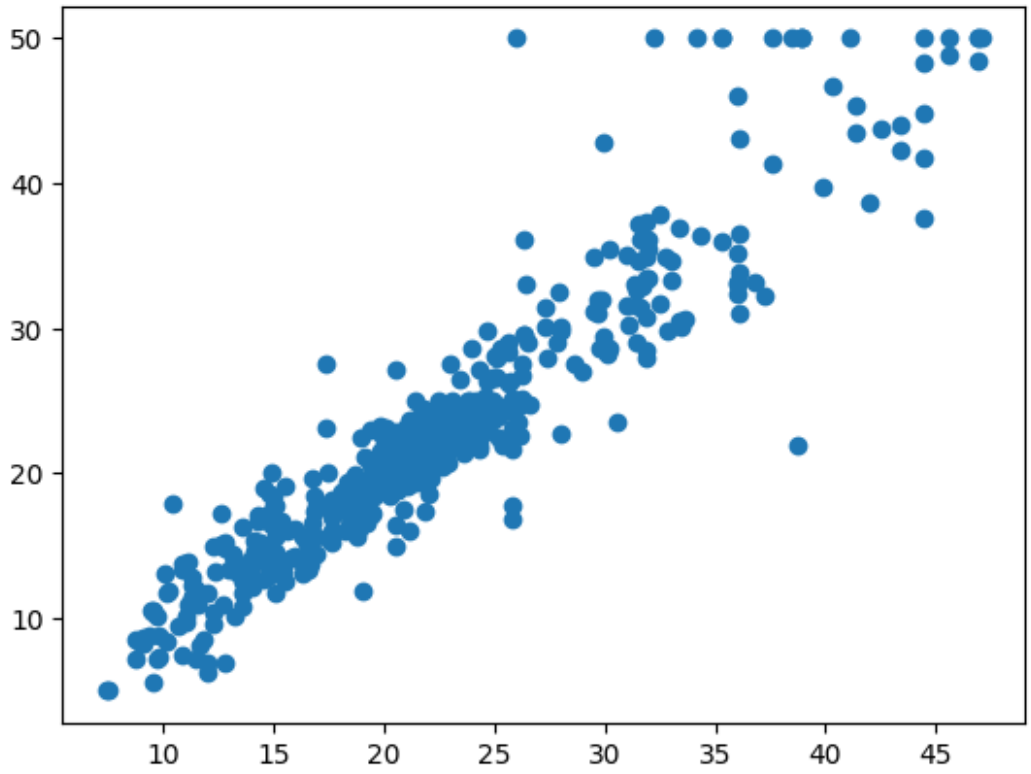
```
pipe.fit(X,y)
```

```
Pipeline(steps=[('scaler:', StandardScaler()), ('Algo',
KNeighborsRegressor())])
```

```
predicted_y=pipe.predict(X)

plt.scatter(predicted_y,y)
```

```
<matplotlib.collections.PathCollection at 0x212bfde8160>
```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