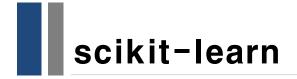# 11강. Scikit-learn

scikit-learn

pip install –U scikit-learn

scikit-learn

```
from sklearn.linear_model import LinearRegression
from sklearn.model_selection import train_test_split
```

모델정의

from sklearn.linear_model import LinearRegression

model = LinearRegression()

학습 – fit

from sklearn.linear_model import LinearRegression

model = LinearRegression()
model.fit(x, y)

예측 - **predict**

from sklearn.linear_model import LinearRegression

model = LinearRegression()
model.fit(x, y)
prediction = model.predict(x2)