Measure for In-sample Evaluation
how good the widel fit the dates
Mean Square Error

Regnared R¹2 $R^{2} = \left(1 - \frac{MSE \text{ of vegression line}}{MSE \text{ of Data}}\right)$

lm. score $(x, 7) = k^2$ in linear regression $0 < k^2 / 1$

Predoctoon and decision making use good model

lin.fit() -> predict(X)

lin.coef -> check if rensonable

Out of nange -> the value is with

U100000000

Predoct the value that make sense

numpy inp

np. arrang (-', -, -), reshape (-1, 1)

Examing the resulted plot to check

(R2) the smaller the better?

(R2) the doser to "1" the better?

Not recessory