from sklearn.linear\_model import LinearRegression

from sklearn.metrics import mean\_squared\_error

# Cannot use Rank 1 matrix in scikit learn

X = X.reshape((m, 1))

# Creating Model

reg = LinearRegression()

# Fitting training data

reg = reg.fit(X, Y)

# Y Prediction

Y\_pred = reg.predict(X)

# Calculating R2 Score

r2\_score = reg.score(X, Y)

print(r2\_score)