Prediction using supervised ML with python:

import numpy as np

from sklearn.linear\_model import LinearRegression

study\_hours = np.array([2.5, 5.1, 3.2, 8.5, 3.5, 1.5, 9.2, 5.5, 8.3, 2.7, 7.7, 5.9, 4.5, 3.3, 1.1, 8.9, 2.5, 1.9, 6.1, 7.4, 2.7, 4.8, 3.8, 6.9, 7.8]).reshape(-1, 1)

scores = np.array([21, 47, 27, 75, 30, 20, 88, 60, 81, 25, 86, 62, 41, 42, 17, 95, 30, 24, 67, 69, 30, 54, 35, 76, 86])

model = LinearRegression()

model.fit(study\_hours, scores)

new\_study\_hours = np.array([4.7, 7.2, 3.1]).reshape(-1, 1)

predicted\_scores = model.predict(new\_study\_hours)

predicted\_score in zip(new\_study\_hours, predicted\_scores):

print(f"Study Hours: {study\_hour[0]}, Predicted Score: {predicted percentage .2f}")