**CODE**

import pandas as pd

from sklearn.linear\_model import LinearRegression

# Data from the examples provided

data = {

"Total Score": [9, 7, 9, 8, 7, 9, 9, 6, 7, 7, 8, 4, 3, 4, 3],

"Accuracy": [8, 8, 9, 8, 8, 9, 10, 6, 7, 7, 8, 4, 3, 4, 3],

"Fluency": [8, 7, 8, 7, 7, 8, 9, 5, 7, 7, 8, 4, 3, 5, 4],

"Elegance": [9, 7, 7, 8, 7, 8, 9, 5, 6, 6, 7, 3, 3, 4, 3]

}

df = pd.DataFrame(data)

# Define the features and the target

X = df[["Accuracy", "Fluency", "Elegance"]]

y = df["Total Score"]

# Initialize and fit the linear regression model

model = LinearRegression()

model.fit(X, y)

# Extract the coefficients (weights) and the intercept

coefficients = model.coef\_

intercept = model.intercept\_

coefficients, intercept

**RESULT**

(array([0.49804335, 0.26083685, 0.27588802]), -0.09888621312462931)

\*后续还可以尝试其他形式的建模思路，对比各模型间的评分结果差异来实现误差最小化