REBECA PRACTICE: DATA SCIENTIST SOLUTIONS

SOLUTION TO TASK 4

```python
# Set X,y to Parameters,Target
X = movies_data_filtered.drop(columns='Worldwide_Gross') # Features
y = movies_data_filtered['Worldwide_Gross'] # Target

# Import Linear Regression Model and Fit

from sklearn.linear_model import LinearRegression

reg_all = LinearRegression()

reg_all.fit(x,y)


# We make a prediction of the model for all observations
prediction = reg_all.predict(X)

# And plot prediction vs target
plt.plot(y,prediction,'.',ms = 1)
plt.xlabel('Target / Data')
```

It should be:

```python
# Set X,y to Parameters,Target
X = movies_data_filtered.drop(columns='Worldwide_Gross') # Features
y = movies_data_filtered['Worldwide_Gross'] # Target

# Import Linear Regression Model and Fit

from sklearn.linear_model import LinearRegression

reg_all = LinearRegression()

reg_all.fit(X,y)


# We make a prediction of the model for all observations
prediction = reg_all.predict(X)

# And plot prediction vs target
plt.plot(y,prediction,'.',ms = 1)
plt.xlabel('Target / Data')
```