**REBECA PRACTICE: DATA SCIENTISTS CASE**

**CODE SNIPPET FOR THE LINEAR REGRESSION MODEL**

# 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')