Home Prices predication Linear Regration

Price= m\*area+b

Y=mx+b

m-slope(or gradient)

y- Intercept

Price-Dependent Variable

Area-Independent variable

Code

Import pandas as pd

Import numpy as np

import matplotlib.pyplot as plt

from sklearn import linear\_model

df= pd.read\_csv(“name.csv”)

df

%matplotlib inline

Plt.xlabel(‘area’)

Plt.ylabel(‘price(USD$)’)

plt.scatter(df.area,df.pric,color=’red’, marker=’+’)

reg=linear\_model.LinearRegression()

reg.fit(df[[‘area’]],df.price)

reg.predict(3000)

reg.coef\_

reg.intercept\_

// To export

P=reg.predict(d)

df[‘prices’]=p

df.to\_csv(“prediction.csv”)