Project on salary prediction

import pandas

import numpy as np

import matplotlib.pyplot as plt

from sklearn.metrics import accuracy\_score

#Load training dataset

url = "https://raw.githubusercontent.com/callxpert/datasets/master/data-scientist-salaries.cc"

names = ['Years-experience', 'Salary']

dataset = pandas.read\_csv(url, names=names)

# shape

print(dataset.shape)

print(dataset.head(10))

print(dataset.describe())

#visualize

dataset.plot()

plt.show()

X = dataset[['Years-experience']]

y = dataset['Salary']

from sklearn.model\_selection import train\_test\_split

X\_train, X\_test, y\_train, y\_test = train\_test\_split(X, y, test\_size=0.1, random\_state=101)

from sklearn.linear\_model import LinearRegression

model = LinearRegression()

model.fit(X\_train,y\_train)

predictions = model.predict(X\_test)

print(accuracy\_score(y\_test,predictions))