#importing library

import numpy as np

import pandas as pd

import matplotlib.pyplot as plt

#importing dataset

dataset=pd.read\_csv("Position\_Salaries.csv")

x=dataset.iloc[:,1:2].values

y=dataset.iloc[:,2].values

#feature scaling

from sklearn.preprocessing import StandardScaler

sc\_x=StandardScaler()

sc\_y=StandardScaler()

x=sc\_x.fit\_transform(x)

y=sc\_y.fit\_transform(y)

#Fitting the regression model

from sklearn.svm import SVR

regressor=SVR(kernel='rbf')

regressor.fit(x,y)

#predicting the results by SVR

y\_pred=sc\_y.inverse\_transform(regressor.predict(sc\_x.fit\_transform((x)))

#visualsing the SVR

plt.scatter(x,y,color='red')

plt.plot(x,regressor.predict(x),color='blue')

plt.title('truth or bluff(SVR)')

plt.xlabel('position level')

plt.ylabel('Salary')

plt.show()