#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

#Fitting the Decision Tree model

from sklearn.tree import DecisionTreeRegressor

regressor=DecisionTreeRegressor()

regressor.fit(x,y)

#predicting the results by decision tree

y\_pred=regressor.predict(x)

#visualsing the decision tree(for higher resolution)

x\_grid=np.arange(min(x),max(x),0.1)

x\_grid=x\_grid.reshape((len(x\_grid),1))

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

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

plt.title('truth or bluff(decidion tree)')

plt.xlabel('position level')

plt.ylabel('Salary')

plt.show()