











## **Python Code:**

```
# Importing the libraries
import numpy as np
import matplotlib.pyplot as plt
import pandas as pd
# Importing the dataset
dataset = pd.read_csv('Position_Salaries.csv')
dataset
X = dataset.iloc[:, 1:2].values
y = dataset.iloc[:, 2].values
```

## **Python Code:**

```
# Fitting the Regression Model to the dataset
from sklearn.tree import DecisionTreeRegressor
regressor = DecisionTreeRegressor(random_state=0)
regressor.fit(X, y)
# Predicting a new result
y_pred = regressor.predict(6.5)
y_pred
```

## **Python Code:**

```
# Vi sual ising the Regression results

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

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

plt.title('Truth or Bluff (Decion Tree Regression Model)')

plt.xlabel('Position level')

plt.ylabel('Salary')

plt.show()
```



