











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 i si ng the Regressi on results
plt.scatter(X, y, col or = 'red')
plt.plot(X, regressor.predict(X), col or = 'bl ue')
plt.title('Truth or Bluff (Deci on Tree Regressi on Model)')
plt.xlabel('Positi on level')
plt.ylabel('Salary')
plt.show()
```



