

Instructions for Homework 2 (Part B)

(Decision Tree Regression, Random Forest Regression & Support Vector Regression)

PART A) Instructions for Decision Tree Regression.

- 1) Import the Libraries.
- 2) Import the Dataset.
- 3) Train the Decision Tree Regressor model on the entire dataset.
- 4) Predict a single value using the model.
- 5) Visualize the Decision Tree Regression result.

PART B) Instructions for Random Forest Regression.

- 1) Import the Libraries.
- 2) Import the Dataset.
- 3) Train the Random Forest Regressor model on the entire dataset.
- 4) Predict a single value using the model.
- 5) Visualizing the Random Forest Regression results.

PART C) Instructions for Support Vector Regression.

- 1) Import the Libraries.
- 2) Import the Dataset.
- 3) Perform feature scaling.
- 4) Train the Support Vector Regressor model on the whole dataset.
- 5) Predict a single value using the model.
- 6) Visualize the SVR results.