

**Write down (handwritten) the respective queries for each Qs. Answer should contain the screenshot of the execution**

Using the "Harvest" dataset do the following:

1. Create a multivariate linear regression model. Interpret the result in terms of the important features (density, block, fertilizer) needed to increase the "yield" amount. With some dummy data predict the value of "yield". [2]
2. Create a multivariate logistic regression model. Interpret the result in terms of the important features (density, block, fertilizer) needed to increase the "yield" amount. With some dummy data predict the value of "yield". [2]
3. Create a support vector regression model. Interpret the result in terms of the important features (density, block, fertilizer) needed to increase the "yield" amount. With some dummy data predict the value of "yield". [2]
4. Create a decision tree regression model. Interpret the result. With some dummy data predict the value of "yield". [2]
5. Compare the linear regression model, logistic regression model and support vector regression model and state which model is the best one for this dataset along with proper logic. [2]