DAY6 - ASSIGNMENT

Q.1. Get details on how, changing the no. of estimators effect the output for both classification and regression.

ANS:

Inference made for both classifiers and regressors are:

- The n_estimators have a certain threshold value beyond which even if its value is increased the model will not undergo any changes.
- This will not cause overfitting of the model on the training dataset
- When we reduce the n_esitmators parameter the model fails to fit perfectly and the prediction/classification made will be less accurate.
- The training time is also directly proportional to the n_estimators specified in the decision tree model.