



# MACHINE LEARNING 5

## Assignment 1

# *MACHINE LEARNING 5: Assignment 1*

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## 1.Introduction

This assignment will help you to consolidate the concepts learnt in the session.

## 2.Problem Statement

In this assignment students will build the random forest model after normalizing the variable to house pricing from boston data set.

Following the code to get data into the environment:

```
import numpy as np

import pandas as pd

import matplotlib.pyplot as plt

import seaborn as sns

from sklearn.model_selection import

train_test_split from sklearn.preprocessing

import StandardScaler from sklearn import

datasets boston = datasets.load_boston()

features = pd.DataFrame(boston.data,

columns=boston.feature_names)

targets = boston.target
```

**NOTE:ThesolutionsharedthroughGithubshouldcontainthesource codeusedand thescreenshotoftheoutput.**

### 3.Output

This assignment consists of 200 marks and has to be submitted in .ipynb/PDF format in the upcoming session for evaluation.