



## Session 18

### Assignment 1 Question

# *Session 18: 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:** The solution shared through Github should contain the source code used and the screenshot of the output.

### **3. Output**

N/A