Data Partitioning and Modeling

The data was partitioned into train and test datasets.
The **train** data set was used to create the decision tree model.
The trained model was then applied to the **test** dataset.
This is important because **the training set makes a model while the test dataset verifies the accuracy of the model created using training set.**

When partitioning the data using sampling, it is important to set the random seed because **a fixed random seed helps our model to become deterministic i.e. every time same result for a test set.**

A screenshot of the resulting decision tree can be seen below: