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 that lets us evaluate how good the model is performing and lets us identify if the model is overfitted

When partitioning the data using sampling, it is important to set the random seed because that leads to a standardized result.

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