Data Partitioning and Modeling

The data was partitioned into train and test datasets.
The **trained** data set was used to create the decision tree model.
The trained model was then applied to the **test** dataset.
This is important because

- **Partitioning the data set into a "trained and tested" data sets, ensures that the data trained in the model is accurate.**

When partitioning the data using sampling, it is important to set the random seed because

- **Allows you to configure the node in a way that each execution of the node with the same configuration or input produces the same results.**

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