

## 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 it's a good practice to avoid overfitting,

When partitioning the data using sampling, it is important to set the random seed because it's important to maintain the reproducibility.

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



