**Data Partitioning and Modelling**

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 model must be tested on data that was not used to train the model.

When partitioning the data using sampling, it is important to set the random seed because this ensures that you will get the same partitions every time you execute the partitioning node. This makes the results reproducible.

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

