**Data Partitioning and Modeling**

The data was partitioned into train and test datasets.

The Training data set (846 rows) was used to create the decision tree model.

The trained model was then applied to the test dataset (565 rows).

This is important because to validate our model.

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

So that reproduceable results can be produced, other result may vary after every execution.

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

