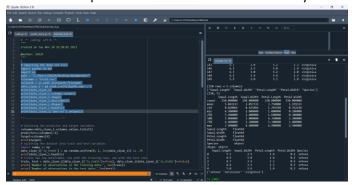
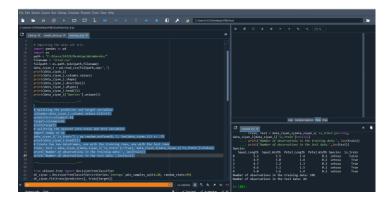
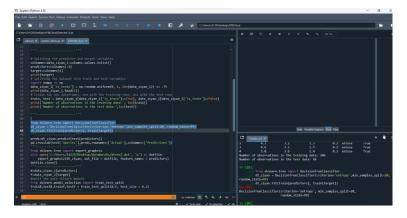
2. Following is the code, make sure you update the path to the correct path where you placed the files and update the data frame name correctly:



3. Separate the predictors from the target then split the dataset using numpy random function. Following is the code, make sure you update the the data frame name correctly



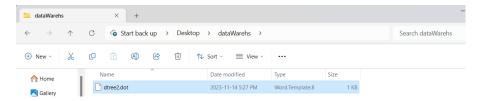
4. Build the decision tree using the training dataset. Name the model dt_firstname where firstname is your first name. Use enotrpy as a method for splitting, and split only when reaching 20 matches.



5. Test the model using the testing dataset and calculate a confusion matrix this time using pandas. Following is the code, make sure you update model name correctly:



6. Generate a dot file and visualize the tree using the online vizgraph editor and share (download) as picture





8. Let us now build the tree using the training as follows:



9. - Now let us test the model using the testing data i.e. the 20%



10. Use Seaborn heatmaps to print the confusion matrix in a more clear and fancy way

