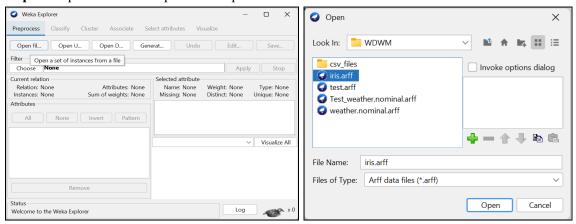


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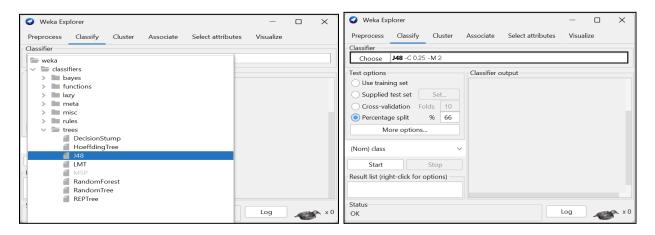


## **Practical 08: Implementing Classification in Weka [Decision Tree]**

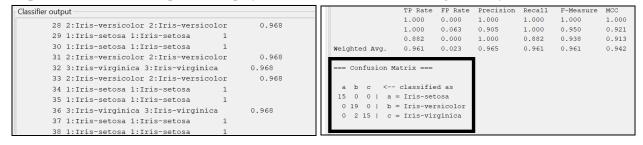
Step 01: Open Weka  $\rightarrow$  Explorer  $\rightarrow$  Open file  $\rightarrow$  Choose 'iris.arff' file  $\rightarrow$  after that move to the Classify Tab.



Step 02: In the Classify tab follow the path choose  $\rightarrow$  trees  $\rightarrow$  J48 now you will be able to see J48 in the choose textbox Click on it, set saveInstanceData to true, and confirm. Then, select **Percentage split** under **Test options** and set it to 66%, and click **Start**.



Step 03: The Classifier output box displays classification results, including accuracy statistics, as shown in the figure.





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**Step 04:** Right-click on the highlighted Result list entry, then select Visualize tree to view the decision tree for the Fisher's Iris dataset. The tree is easy to read

