Topic: Introduction to Weka.

Aim:

Understating Weka interface.

Understanding source file format.

Understanding data type.

Task:

a. Download and Install Weka software (https://waikato.github.io/weka-wiki/downloading_weka/).

b. Practices with Weka interface.

c. Work with data Explorer.

d. Import the **labor.arff** data set from data folder.

e. Work with labor.arff data set.

f. Mostly use data types.

g. Work with data preprocessing.

h. Visualize the attribute.

i. Introduction to Class attribute.

j. Visualize the whole attribute.

k. Visualize the attribute in the Weka explorer panel.

l. Explain the visualised attribute.

m. Edit the data set.

n. Remove any attribute.

o. Save the changed source file.

Exercise

a. Import the data **segment_test.arff** in the Weka data folder.

b. Visualize all the attribute in the data set and interpret the result.

c. Set the class attribute as Class and draw the scatter plot of the whole attribute and explain the relation with the class attribute and regional-centroid attribute.

d. Remove the attribute regional-pixel-count, short-line-density-2, short-line-density-5 in the source file and save the source file.