



THE UNIVERSITY  
OF LAHORE  
**ISLAMABAD  
CAMPUS**

## **Artificial Intelligence (CS13217)**

### **Lab Report**

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# Experiment # 8

## understand and run WEKA

### Objective

To understand and run WEKA

### Software Tool

1. windows 10
2. sublime text
3. Python
4. WEKA

## 1 Theory

Weka is a collection of machine learning algorithms for data mining tasks. The algorithms can either be applied directly to a dataset or called from your own python code. Weka contains tools for data pre-processing, classification, regression, clustering, association rules, and visualization. It is also well-suited for developing new machine learning schemes.

## 2 Task

Installation of WEKA and implementation of data set



Figure 1: step 1



Figure 2: step 2



Figure 3: step 3

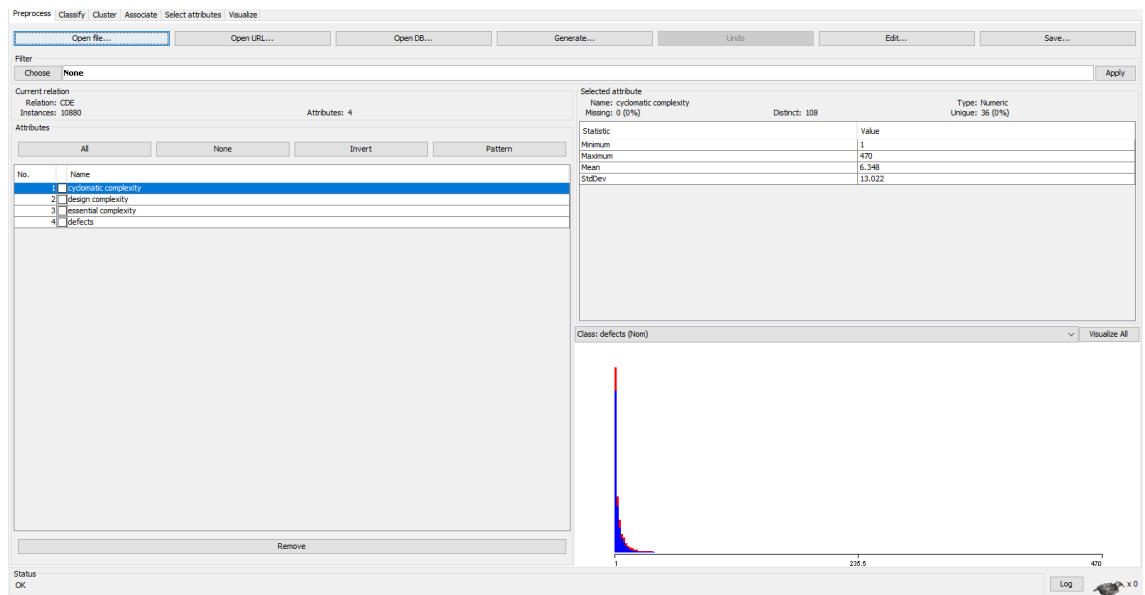


Figure 4: Training of Data set

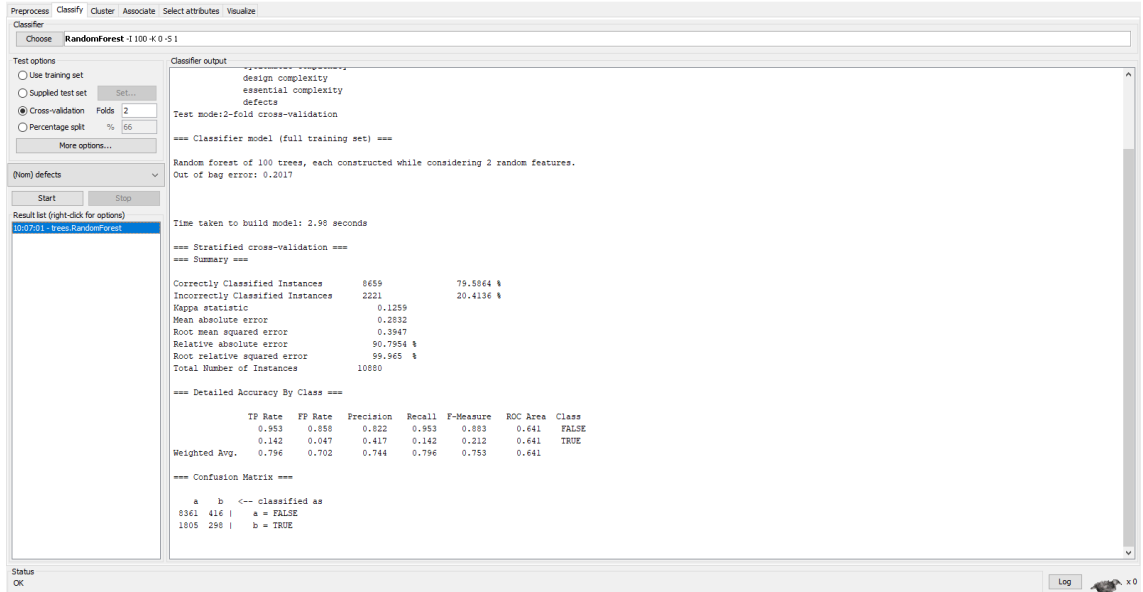


Figure 5: Training of Data set

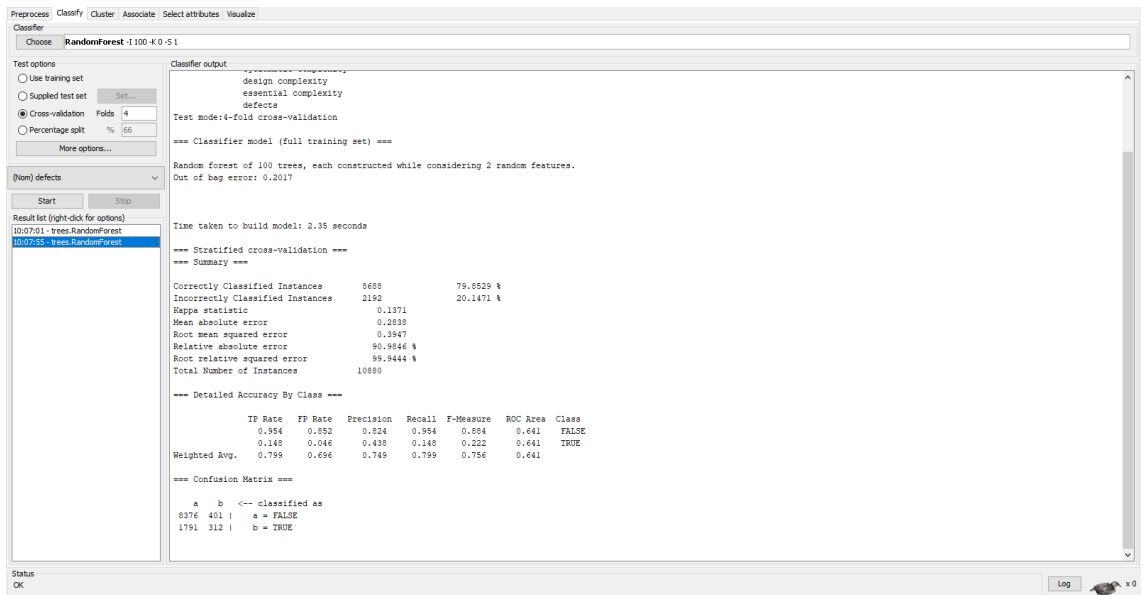


Figure 6: Training of Data set

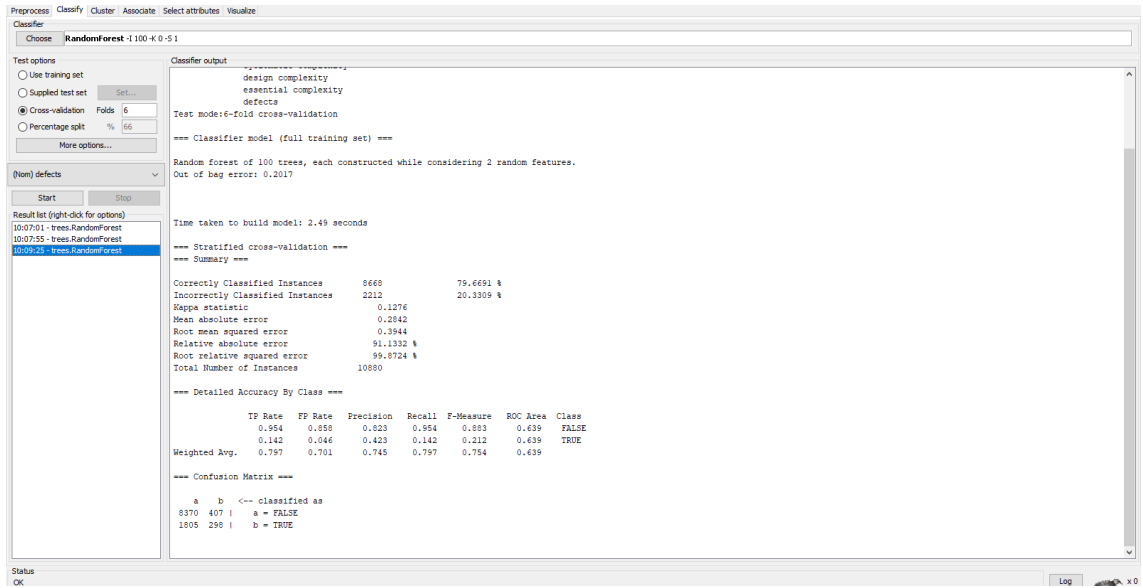


Figure 7: Training of Data set

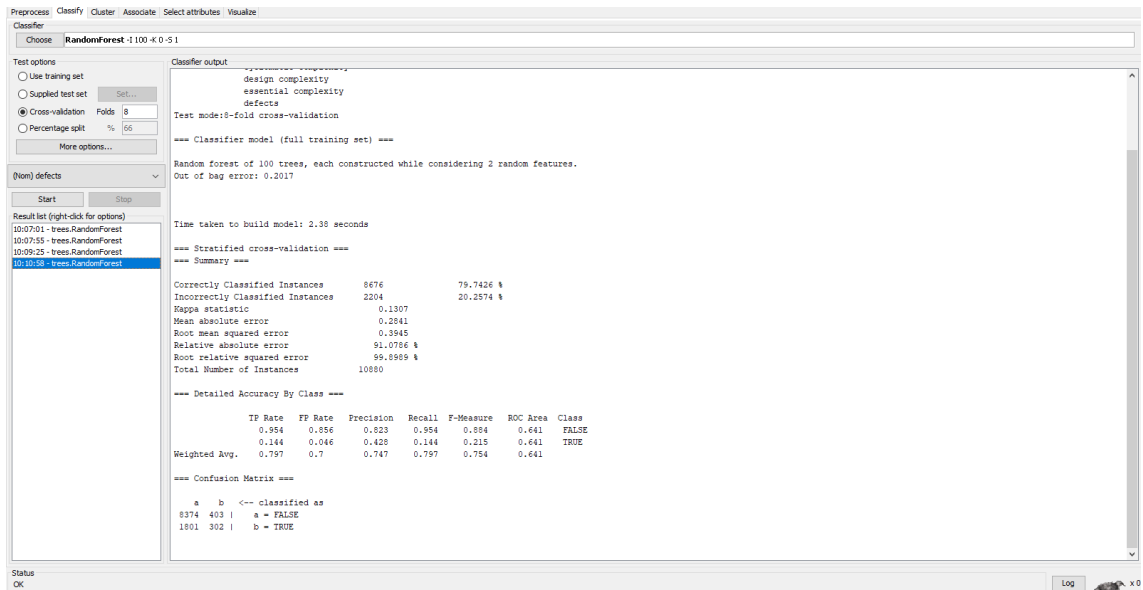


Figure 8: Training of Data set

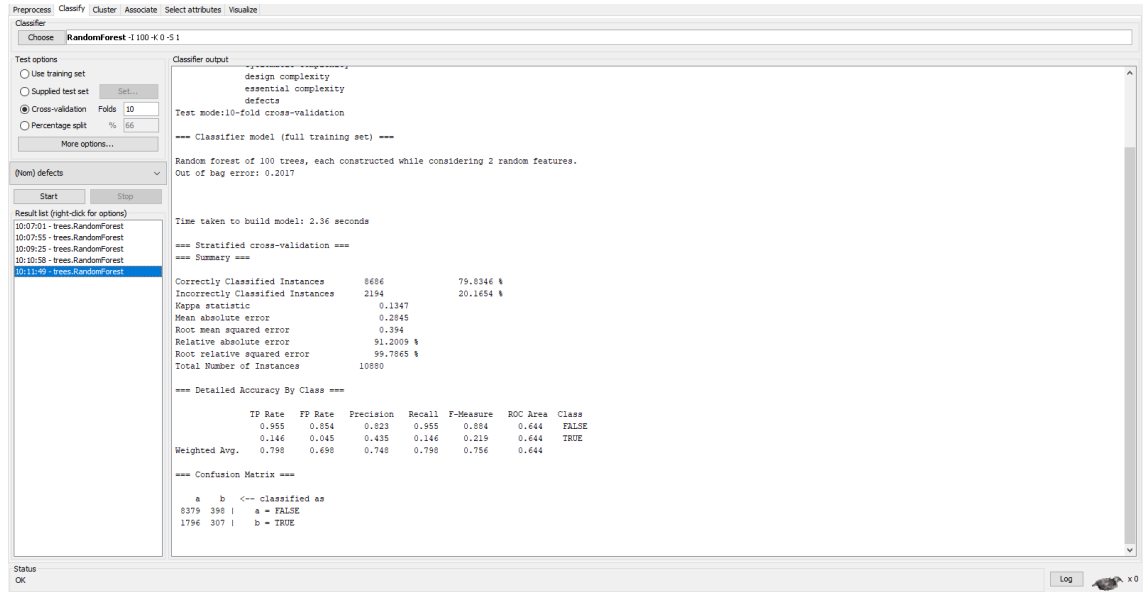


Figure 9: Training of Data set

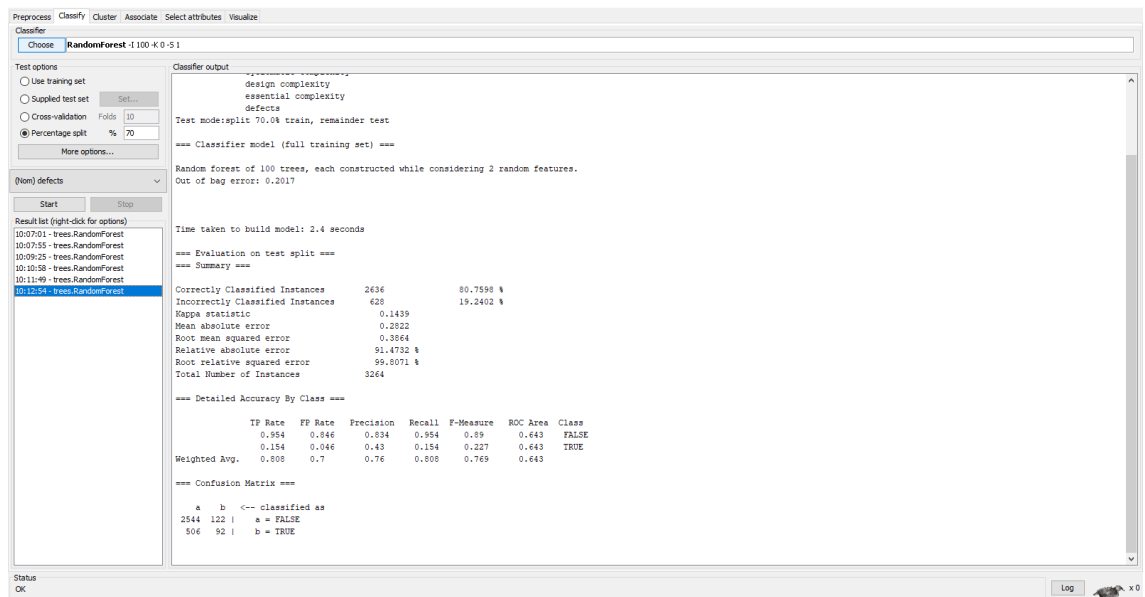


Figure 10: Training of Data set

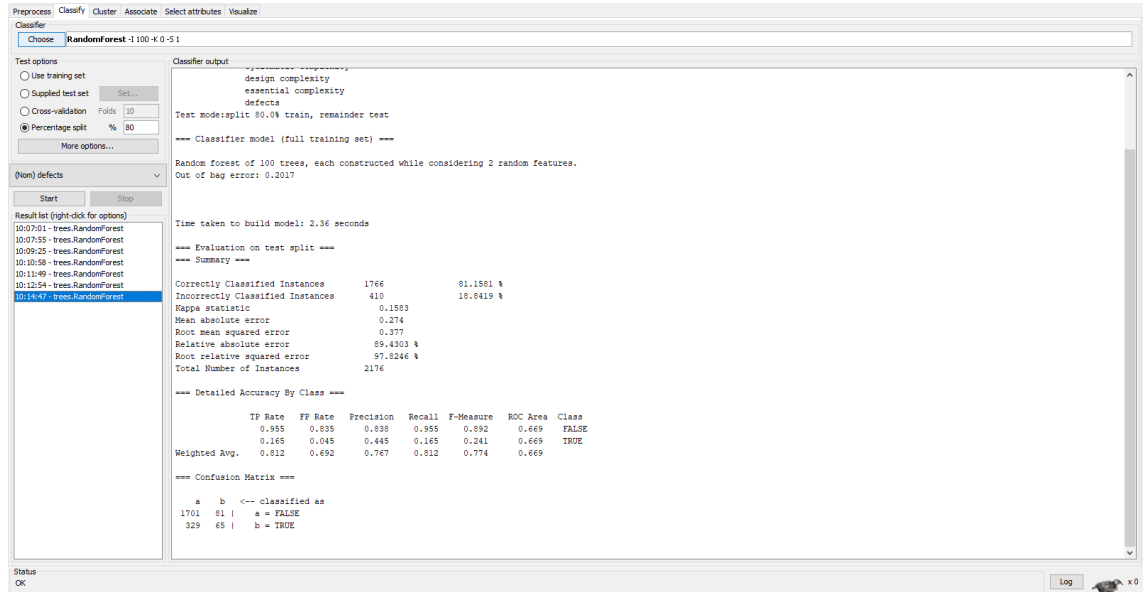


Figure 11: Training of Data set

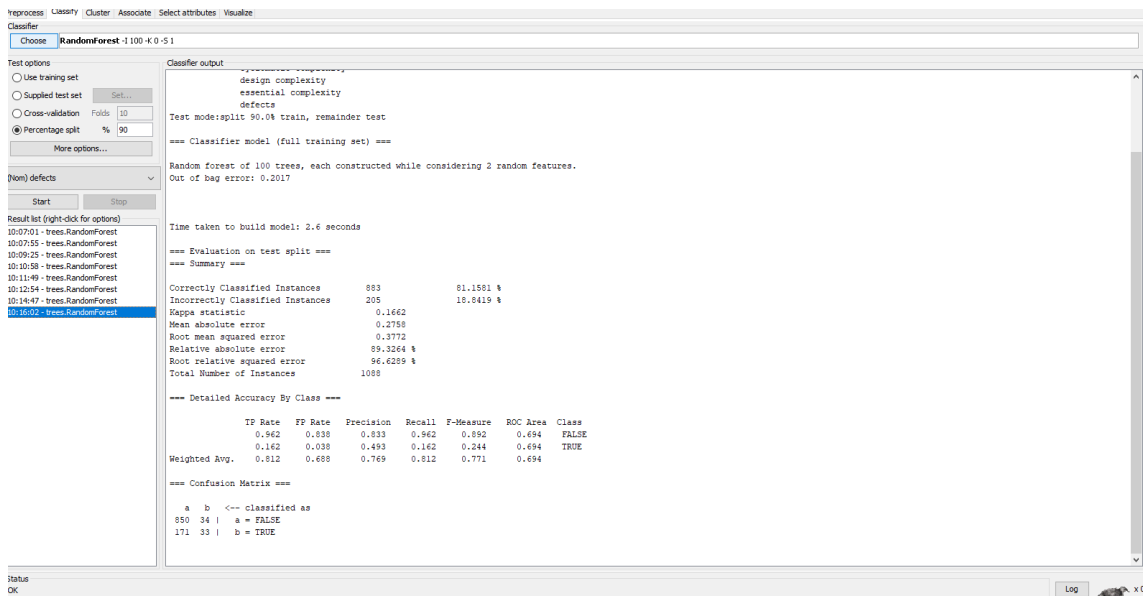


Figure 12: Training of Data set