

A  
Practical File  
On  
Data ware house and data mining

Paper Code: ITD08



Bachelor of Engineering  
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Computer Science Engineering

**Submitted By:**

Kavita Maurya

Batch-3

Group-1

2016UCO1579

# 1.

## AIM:

Write a procedure for Employee data using Make Density Based Cluster Algorithm.

## DESCRIPTION:

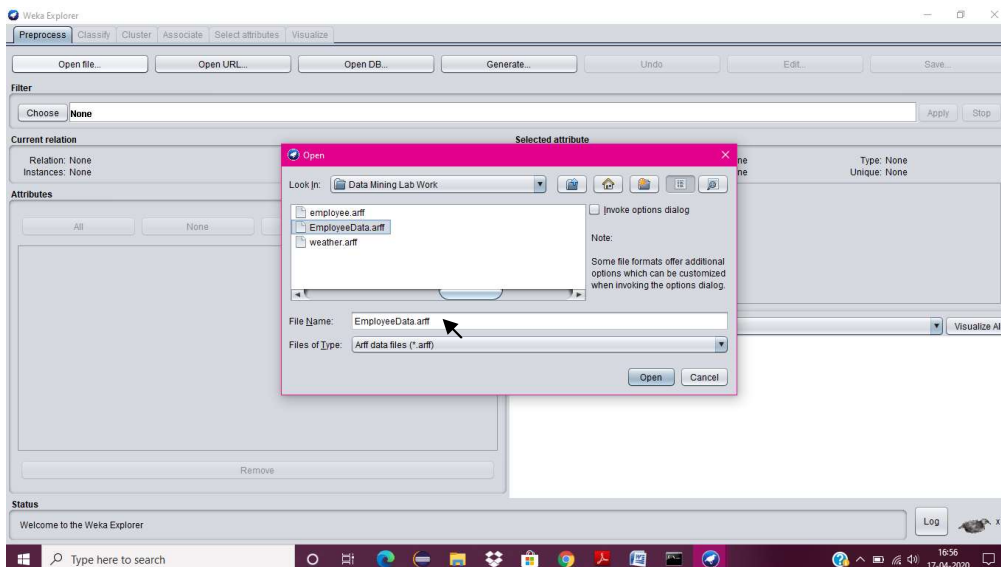
Cluster analysis or clustering is the task of assigning a set of objects into groups (called clusters) so that the objects in the same cluster are more similar (in some sense or another) to each other than to those in other clusters. Clustering is a main task of explorative data mining, and a common technique for statistical data analysis used in many fields, including machine learning, pattern recognition, image analysis, information retrieval, and bioinformatics.

## PROCEDURE:

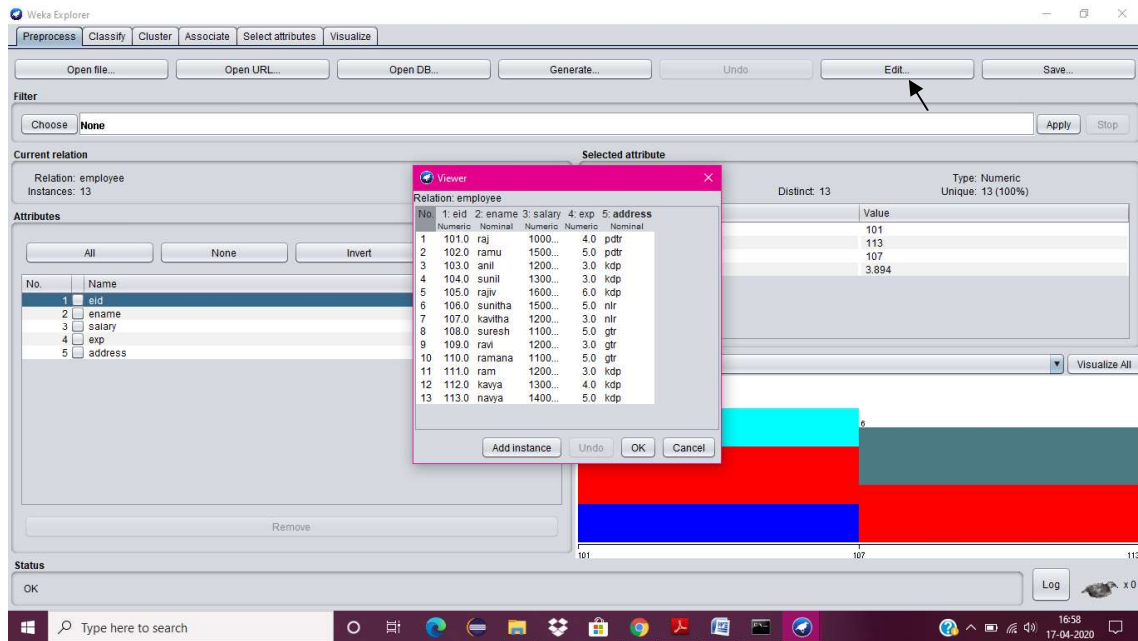
1. Create or download **EmployeeData.arff** file having weather data.
2. Click on weka and then click on explorer.



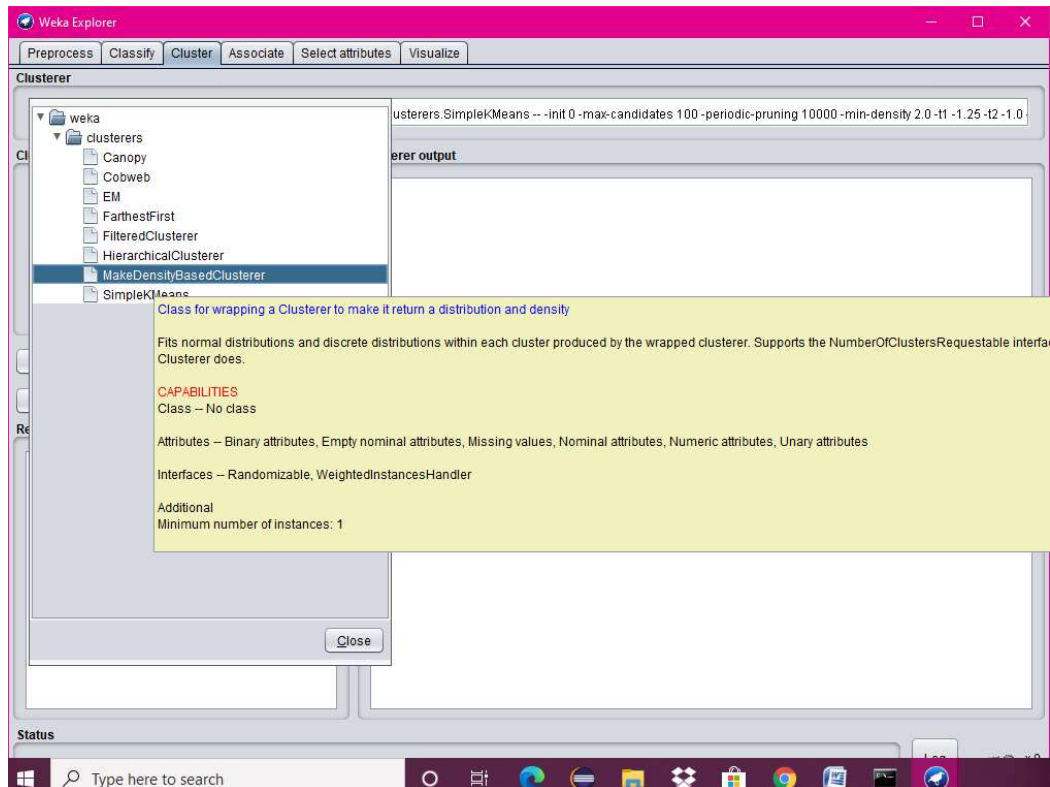
3. Explorer shows many options. In that click on 'open file' and select the arff file.



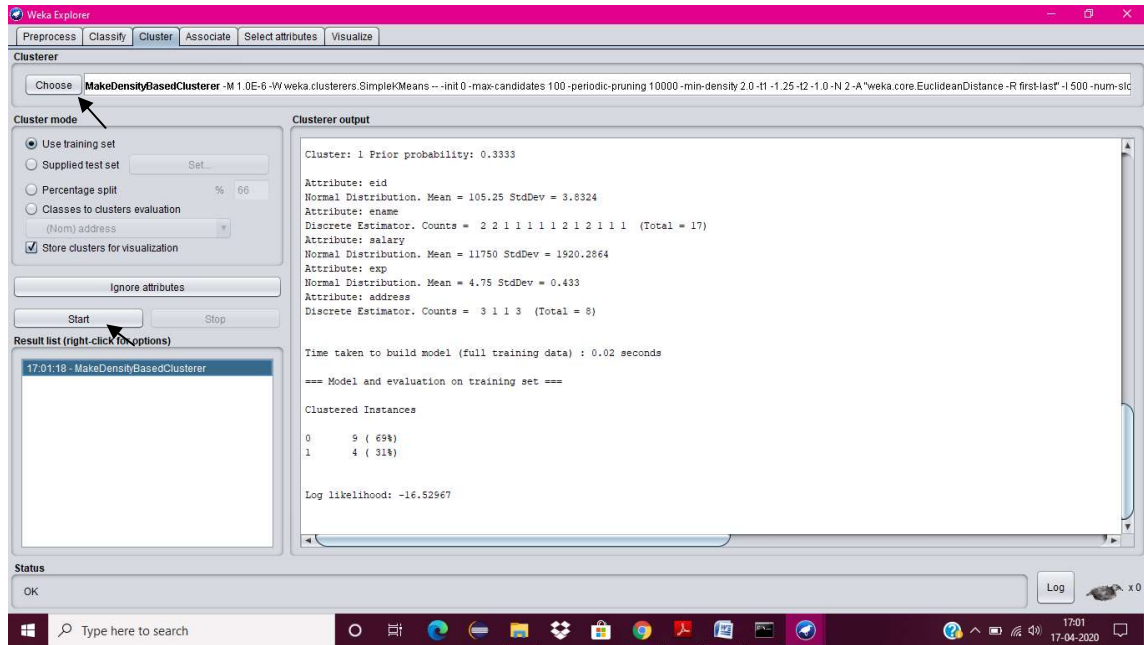
- Click on edit button which shows employee table on weka.



- Close the file.
- Click on Cluster menu. In this there are different algorithms are there.
- Click on Choose button and then select Make Density Based Cluster Algorithm.



8. Click on Start button and then output will be displayed on the screen.



### AIM:

Write a procedure for Clustering Customer data using Simple KMeans Algorithm.

### DESCRIPTION:

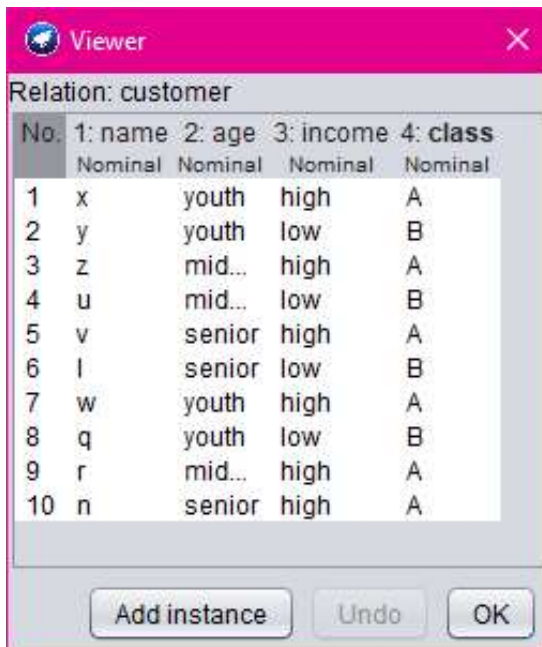
Cluster analysis or clustering is the task of assigning a set of objects into groups (called clusters) so that the objects in the same cluster are more similar (in some sense or another) to each other than to those in other clusters. Clustering is a main task of explorative data mining, and a common technique for statistical data analysis used in many fields, including machine learning, pattern recognition, image analysis, information retrieval, and bioinformatics.

### PROCEDURE:

1. Create or download **customer.arff** file having banking data.
2. Click on weka and then click on explorer.

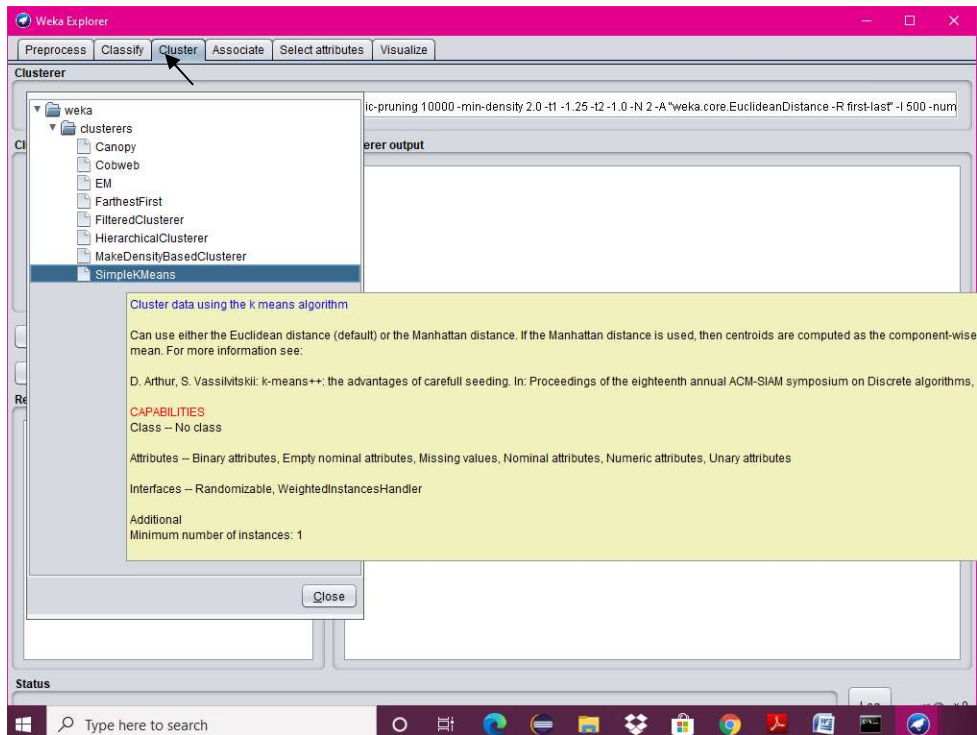


3. Explorer shows many options. In that click on 'open file' and select the arff file.
4. Click on edit button which shows customer table on weka.



5. Close the file.
6. Click on Cluster menu. In this there are different algorithms are there.

7. Click on Choose button and then select **SimpleKMeans** algorithm.



8. Click on Start button and then output will be displayed on the screen.

