SEMESTER PRACTICALS

DATA WAREHOUSING AND DATA MINING

U18CSI6203L

Roll No: 18BCS038

Name: PRAGATHI R

Experiment:

Create a random dataset of 30 elements with x and y variables using random function between 30 to 80 integers for x and 60 to 100 integers for y.

Apply K- means clustering to cluster the data into 2 clusters. Plot the graph and display the result.

Use Tkinter GUI to Display the Results.

Dataset Description:

Dataset: Diabetes dataset.

Link for the Dataset:

https://www.kaggle.com/uciml/pima-indians-diabetes-database

Attribute Description:

No of Pregnancies - Numerical(discrete)

Glucose – Numerical(discrete)

Blood Pressure - Numerical(discrete)

Skin Thickness - Numerical(discrete)

Insulin - Numerical(discrete)

BMI - Numerical(discrete)

DiabetesPedigreeFunction – Numerical(discrete)

Age – Numerical(discrete)

Outcome – Numerical(categorical)

GitHub Link for code:

https://github.com/PRAGATHIRAM/18BCS038-DWDM-SEM-PRACTICAL

Output:







