

**Topic:** Partitioning Clustering Algorithm

**Aim:** Working with K-Mean Algorithm

**Task:** Apply the K-Mean technique to real world data set

**Exercise:**

- i. Load the Bank.arff data set into Weka (Use the output dataset of lab sheet 03)
- ii. Explaining the clusterer interface
- iii. Set the cluster mode to training set
- iv. Cluster the data set
- v. Interpret the output
- vi. Change the seed value as 8
- vii. Interpret the output
- viii. Store cluster visualization or visualize cluster assignment
- ix. Set the classes to evaluate the clusters as age and interpret the output
- x. Change the evaluator attribute as PEP