

## Data Warehousing and Data Mining Lab

### Assignment No. 5 : Clustering

- Design and implement the following clustering algorithms.
- Use IRIS, Breast Cancer Wisconsin data sets from UCI Machine Learning Repository (<http://archive.ics.uci.edu/ml/>).
- Extract different training and test data sets from original data set.
- Tabulate the results with cluster validation accuracy.

1. Hierarchical clustering - AGNES & DIANA. Plot Dendrogram.
2. *k*-Means
3. *k*-Medoids (PAM)
4. DBSCAN :

Use *US Census Data (1990) Data Set*

[https://archive.ics.uci.edu/ml/datasets/US+Census+Data+\(1990\)](https://archive.ics.uci.edu/ml/datasets/US+Census+Data+(1990))

**Deadline : 05/10/2019**

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