Data Warehousing and Data Mining Lab

Assignment No. 4 : Classifications

- Design and implement the following classifiers.
- 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 classification accuracy.
- Construct confusion matrix for each reading of training/test data sets.

1. Design regression classifier.
2. Naïve Bayesian Classifier.
3. *k*-NN classifier (Take *k* = 1,3,5,7)
4. Three layer Artificial Neural Network (ANN) classifier (use back propagation).

Deadline : 15/09/2019

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