22th July 2019

**Attendance: 10%, Continuous evaluation: 70%, Viva-20%**

**Assignment No. 1**

1. Download and install Anaconda by following the script “install\_anaconda.sh”.
2. Install anaconda environent following the script “install\_anaconda.sh”.

1. Download [Breast Cancer Wisconsin (Diagnostic) Data Set](https://www.kaggle.com/uciml/breast-cancer-wisconsin-data/downloads/breast-cancer-wisconsin-data.zip/2) (already in the needed format). Data set is used for recognize 2 types of cancer to be predicted.
2. Estimate the average accuracy of Naive Bayes algorithm using 5-fold cross validation using scikit-learn package in python.
3. Implement Logistic regression on the same dataset using scikit-learn package in python.
4. Compare the accuracy obtained using Bayes classifier and Logistic regression.

Submit a report with result.