Seminar 4 (Week 4)

Q1. Please use Weka to implement the following activities with the 5 Class NSL-KDD Dataset.

    I.   Please implement Random Forest algorithm on training dataset, testing dataset and apply 5 fold cross-validation.

    II.   Please implement Support vector machine (Poly Kernel) on training dataset, testing dataset and apply 5 fold cross-validation.

Q2. Please use Weka to implement the following activities with the Phishing links dataset:

    III.   Please implement Naïve Bayes algorithm on training dataset, testing dataset and apply 5 fold cross-validation.

    IV.   Please implement Decision Tree algorithm on training dataset, testing dataset and apply 5 fold cross-validation.

    V.   Please implement Support vector machine (RBF Kernel) on training dataset, testing dataset and apply 5 fold cross-validation.