

## CIE QUESTION BANK(CH-4)

- a) Compare Quadratic programming and online SVM
- b) What are the two types of voting? Explain them in brief with diagrams
- c) Bagging and pasting along with code
- d) Define random patches and random subspaces method, feature importance
- e) Write the code for out of bag evolution
- f) Write the code for random forest with extra trees.
- g) Write the code for random forest with feature importance
- h) What is boosting? List and briefly explain the different types of boosting.
- i) What is adaboost? Write the code for it + diagram
- j) What is gradient boosting? Write the code for it
- k) Write the code for xboost
- l) What is stacking ?explain with a neat labelled diagram
- m)Problems on adaboost
- n) What is nonlinear svm? Write the code for it
- o) What is SVM regression? Write the code
- p) What is KNN? Problems and code