CZ4032 Data Analytics and Mining

Week 10: Classification

1. Given a collection of text documents, discuss another way of using frequent itemsets or classification rules to build classifier.

2. Give a solution of using frequent sequential patterns to generate rules, and use the generated rules to predict the next item.

3. Compare the difference between bagging and boosting.

4. Describe a solution of using the idea of boosting based CBA.

5. Imbalance classification problems where the classes are skewed (more records from one class than another).
    - (i)   Give some example applications
    - (ii)   How to evaluate?
    - (iii)   How to handle