Problem Statement 6

1) A. Test drive the basic version of Apriori algorithm for Frequent Itemset Mining using the package / library support in the platform of your choice. Test it with various support and confidence measures and generate a time comparison for varied data set sizes. To do the performance comparison you may use benchmark datasets provided for FIM such as the FIMI workshop or other sources.

B. Test drive the Arpiori algorithm in terms of Time and rules generated by varying

    a. support value to be in the range of 20% to 40%

    b. Confidence value in the range of 70% to 90%

  Test drive with at least **three** different combinations of **Support and confidence values**

2) Test drive the basic version of FP Growth algorithms for Frequent Itemset Mining using the package / library support in the platform of your choice. Test it with various support and confidence measures and generate a time comparison for varied data set sizes. To do the performance comparison you may use benchmark datasets provided for FIM such as the FIMI workshop or other sources.