1. Follow the IEEE or LNCS Springer format.

2. Sections of the paper:

  i. Abstract

  ii. Keywords

  iii. Introduction

 iv. Data Pre-processing and Data Preparation

    - normalization and data cleaning

 v. Results and Analysis

   - summary of performance of the various models used in the project

   - Two datasets

   - Supervised Learning (corrected milestone 1 and some additional classifiers)

         Training of classifiers (building of models) using each of the machine learning algorithms discussed in class including SVM, MLP and Bayesian Network.

         Training with complete set of features

         Training with selected features using forward/backward search as well as PCA selected features.

- Unsupervised Learning (summary of milestone 2)

    k-means clustering

       Try to describe the samples per cluster based on their feature similarities and class distribution.

   Self-organizing maps.

      provide a 2D 10x10 SOM map. Analyze and write your insights about the map.

      vi. Summary and Conclusion

      vii. References