

Faculty of Computer Science, IBA, Karachi
CSE307 –Artificial Intelligence (Spring'2013)

Assignment # 3

Submission Date: 16th Apr' 2013

Task:

Use Weka/KNIME to perform classification on the given dataset. The dataset has been taken from PAKDD 2010 data mining competition. The details can be found at

http://sede.neurotech.com.br/PAKDD2010/login.do?method=redirecionar&vs_Pagina=overview.

You need to experiment with different classification approaches discussed in the course (i.e. Decision tree, Naive Bayes', Neural Networks) and may like to do some data pre-processing to clean your data first.

Finally you will play with leaderboard data, feed this data to your model and submit the results online (<http://sede.neurotech.com.br/PAKDD2010/submit.do?method=load>) to benchmark the performance of your model. During the competition, the best results were '0.645' and the best of IBA team (aillab_pk) was '0.6188'.

You are required to submit a report describing different experiments that you conducted (along with the screenshots of weka/ knime wherever appropriate) and their results.