*COSC 4335*

*Assignment 4---Group Project (Groups of 2)*

Last Updated: April 14, 2015, 10a

Deadline: Tuesday, May 5, 11p (electronic submission)

**Useful Links:** [**http://www.r-bloggers.com/examples-and-resources-on-association-rule-mining-with-r/**](http://www.r-bloggers.com/examples-and-resources-on-association-rule-mining-with-r/)

[**http://www.rdatamining.com/examples/association-rules**](http://www.rdatamining.com/examples/association-rules)

[**http://blog.revolutionanalytics.com/2015/04/association-rules-and-market-basket-analysis-with-r.html**](http://blog.revolutionanalytics.com/2015/04/association-rules-and-market-basket-analysis-with-r.html)

**Tasks of Assignment4:**

1. Select an Association rule mining tool of your own liking (e.g. arules)!
2. Select a dataset of your own liking
3. Run an association rule mining algorithm for the dataset
4. Report, interpret, evaluate and possibly improve the obtained results
5. Use on other function of the association rule mining tool (e.g. visualization or removing redundant rules) and apply it to the dataset/obtained rules and report your results
6. Provide a brief evaluation of your experiences with the association rule mining tool and of the project itself
7. Summarize your findings of steps 1-6 is a short report