# FIT5186 Intelligent Systems

## Week 2 Tutorial 1

## Internet search for neural networks and data mining

Neural networks are becoming increasingly popular in business and industry, finding application in areas such as marketing, banking, finance, insurance, retail, manufacturing, and many more industries. The most recent application area, data mining, is causing much excitement, as evidenced by the many web sites devoted to the topic. The data mining sites provide information about the techniques, software, journals, conferences, and many success stories.

This tutorial is an opportunity for you to become familiar with some of the most popular neural network and data mining web sites.

For a good resource on neural networks, try the frequently asked questions (FAQ) page complied from the newsgroup comp.ai.neural-nets:

- ftp://ftp.sas.com/pub/neural/FAQ.html

The following are web sites that have compiled a lot of information about data mining, with links to additional resources, software, and data sets:

- http://www.the-data-mine.com/
- http://www.kdnuggets.com/
- http://www.kdnuggets.com/software/index.html
- http://www.thearling.com/

Many consulting companies and commercial organisations have web pages that describe their products and services relating to neural networks, data mining, and successful business applications:

- http://www.calsci.com/Applications.html
- http://www.neuroxl.com/

and the SAS Institute page where you can download their white paper on data mining:

- http://www.sas.com/en_au/whitepapers.html
- http://www.sas.com/zh_cn/whitepapers.html

You should use some of these sites as additional resources throughout this course, and hopefully become inspired by the range of opportunities for neural networks and data mining in the business world.

Happy browsing!