**Weka – The University of Waikato**

Weka is a collection of machine learning algorithms for data mining tasks. The algorithms can either be applied directly to a dataset or called from your own Java code. Weka contains tools for data pre-processing, classification, regression, clustering, association rules, and visualization. It is also well-suited for developing new machine learning schemes.

Found only on the islands of New Zealand, the Weka is a flightless bird with an inquisitive nature. The name is pronounced like [this](http://www.cs.waikato.ac.nz/~ml/weka/sounds/weka-say.au), and the bird sounds like [this](http://www.cs.waikato.ac.nz/~ml/weka/sounds/weka-long.au).

Weka is open source software issued under the [GNU General Public License](http://www.gnu.org/licenses/gpl.html).

We are going to use Weka as a tool in class. The following link will take you to the home page to download the software:

<http://www.cs.waikato.ac.nz/~ml/weka/index.html>

Or you can click the Download link below:

Getting started

* [Requirements](http://www.cs.waikato.ac.nz/~ml/weka/requirements.html)
* [Download](http://www.cs.waikato.ac.nz/~ml/weka/downloading.html)
* [Documentation](http://www.cs.waikato.ac.nz/~ml/weka/documentation.html)
* [FAQ](http://weka.wikispaces.com/Frequently+Asked+Questions)
* [Getting Help](http://www.cs.waikato.ac.nz/~ml/weka/help.html)

The download manager will automatically store Weka in the Program Files directory on your computer. There will also be a “data” folder in the Weka folder. You might want to copy that “data” folder to your “my documents”. I would also suggest that you keep an original folder so if you change the data and save it you can always go back to the original data.

You can put a shortcut on your desktop. When you open the software you will see that there are 4 options:

Explorer

Experimenter

KnowledgeFlow

Simple CLI

We will be using the Explorer.