Setup tools for machine learning workshops

Sharma, Aniket
aniket.sharma@resmed.com.au

Johnston, Ben
ben.johnston@resmed.com.au

March 29, 2018

1 Welcome

Welcome to machine learning workshop. We will be going through some detailed worked examples of machine learning, and for that you will need the correct tools installed. Here is a complete list of tools and how to install them.

2 Anaconda

First thing you will want to do is install Python Anaconda. The Anaconda distribution for python is a data science and machine learning centric package and virtual environment manager. This will make getting started easier, and more consistent between users.

Anaconda Download Page or go directly to https://www.anaconda.com and download either the 64bit/32bit variant of python 3. Do not install python 2 as all the modules will assume python 3 is used.

3 Git

Instructions for installing git and a github account.

4 Jupyter Notebook

Instructions for installing Jypyter Notebook.

5 Cmder

Instructions for installing cmder.

Cmder download page or directly access http://cmder.net/. Ensure that you download the "FULL" version as this contains Git for Windows which will be necessary for access to github and all the workshop content.