

CITS5508 Machine Learning
Semester 1, 2023
Lab Sheet 1
(Not assessed)

The lab task for this week is to learn and experiment with the Jupyter Notebook examples in Chapters 1, 2 and 3 of the textbook in your own computer environment. All the Python code examples from the book *Hands-On Machine Learning with Scikit-Learn & TensorFlow* can be downloaded from <https://github.com/ageron/handson-ml2>.

To set up Jupyter Notebook, see the *software_installation.pdf* file provided on LMS. In our experience it seems best to use *anaconda* or *miniconda* to set everything up.

If you are new to Jupyter Notebook, you can start running the file sample *sample.ipynb* and see if you understand the commands. There are several resources available on the Web to learn how to properly format Jupyter Notebooks - you will need this when presenting your assignment. Some options of useful links are available in the folder “Software” in your LMS.