Lab 1 (week 1)

Instructions to open the lab notebook (on computers in EMG13):

The (easier) point-and-click way (thanks Tobin):

1. Download the following files to somewhere on your U: drive:
   [titanic.zip (https://myuni.adelaide.edu.au/courses/45319/files/5049055/download?wrap=1)](https://myuni.adelaide.edu.au/courses/45319/files/5049055/download?wrap=1) ⬇ [(https://myuni.adelaide.edu.au/courses/45319/files/5049055/download?download_frd=1)](https://myuni.adelaide.edu.au/courses/45319/files/5049055/download?download_frd=1)
   [Lab01.ipynb (https://myuni.adelaide.edu.au/courses/45319/files/5052138/download?wrap=1)](https://myuni.adelaide.edu.au/courses/45319/files/5052138/download?wrap=1) ⬇ [(https://myuni.adelaide.edu.au/courses/45319/files/5052138/download?download_frd=1)](https://myuni.adelaide.edu.au/courses/45319/files/5052138/download?download_frd=1)
2. Move the files to the Videos folder in the top left shortcuts area. (Videos folder? Confused? It's certainly not the normal folder a data scientist works out of, but it's probably empty and will help us get started. If you're brave you can save the file somewhere else you prefer.)
3. Go to Start Menu > Anaconda3 (64-bit) > Anaconda Navigator (Looks like a green circle).
4. Click on the 'Launch' button below the 'Jupyter Notebook'.

The (more difficult, may not work at all because of yet-to-be-diagnosed weirdness with some students not being able to access the U: drive on the computers in EMG13) command-line way (thanks Lewis):

1. Download the following files to somewhere on your U: drive:
   [titanic.zip (https://myuni.adelaide.edu.au/courses/45319/files/5049055/download?wrap=1)](https://myuni.adelaide.edu.au/courses/45319/files/5049055/download?wrap=1) ⬇ [(https://myuni.adelaide.edu.au/courses/45319/files/5049055/download?download_frd=1)](https://myuni.adelaide.edu.au/courses/45319/files/5049055/download?download_frd=1)
   [Lab01.ipynb (https://myuni.adelaide.edu.au/courses/45319/files/5052138/download?wrap=1)](https://myuni.adelaide.edu.au/courses/45319/files/5052138/download?wrap=1) ⬇ [(https://myuni.adelaide.edu.au/courses/45319/files/5052138/download?download_frd=1)](https://myuni.adelaide.edu.au/courses/45319/files/5052138/download?download_frd=1)
2. Go to Start Menu > Anaconda3 (64-bit) > Anaconda Powershell Prompt.
3. Welcome to the terminal! You are now a hacker.
4. You need to navigate to the location of Lab01.ipynb by typing commands. If you placed the files in a folder called "M1004" on your U: drive, you need to type (exactly):

```
cd U:/M1004
```

5. Type

```
ls
```

You should see Lab01.ipynb there. If not, check where you placed the file on your U: drive.

6. Once you can see it, type

```
jupyter-notebook Lab01.ipynb
```

to open the notebook.

Congrats! You have proved yourself worthy in your first Data Scientist Challenge. Now you can start the lab!

If you want to be able to run these notebooks on your own machine, you should install the **Python 3.7 Anaconda Distribution**: **https://www.anaconda.com/distribution/** ⬀ **[(https://www.anaconda.com/distribution/)](https://www.anaconda.com/distribution/)** (don't install the 2.7 version!)