**1. Do I need to use Jupyter Notebooks as my IDE?**

Technically, from a learning point of view the answer is no. All the code we show in the course is compatible with any text editor or IDE that works with Python! You can even convert the notebooks to .py files by using nbconvert or just by clicking Save As -> .py file.

Having said that, in the exams, we **expect you to be able to fire up jupyter notebooks** using your terminal in the correct working directory and then code within it. The same goes for your assignments and other pieces of assessment in the labs.

**2. Where do I get the notebooks for this course?**

You can get them as a zipped file resource on the course website, probably next to the slides of that corresponding lecture.

**3. Is there a good companion book for the Machine Learning Section?**

Although the course doesn’t have a recommended textbook. I found a book which was pretty neat and handy for looking up some of the under-the-hood details. ! [You can find it here.](http://www-bcf.usc.edu/~gareth/ISL/ISLR%20Sixth%20Printing.pdf)

**4. I'm having technical issues with Echo videos or sound not showing up, whom do I contact?**

Make sure to raise a question on piazza about it so that someone can attend and contact the tech support on your behalf. Unfortunately, the tutors and even the lecturer don't control the technical platform.

**5. How do you get the Docstring and method list pop-ups in Jupyter Notebook?**

Use Tab with your cursor directly after a defined variable to see the list of methods. For example, given: **my\_list = [1,2,3]**you could then run that cell to define **my\_list** as a variable, afterwards you could just type: **my\_list.**(notice the dot) and then press Tab to see the list of methods. For the doctrings of functions, use Shift+Tab with your cursor right after the function.

**6. How do I know where my Notebooks are being saved?**

To find out where your notebooks are type: **pwd** in a cell. This will print your working directory.

**7. How can I change where the Notebooks are being saved?**

You will need to change the directory in which you are starting you jupyter notebook. Use **cd** in the terminal or command prompt to change to your desired directory.

**8. How do I open .ipynb files? What program do I choose?**

In order to open the Notebook Files you'll need to have Python and the Jupyter Notebook system installed, check out the Python Set-up section for more details on the installation of Python and the Jupyter Notebook system (or you can just follow the relevant instructions [here](http://jupyter.readthedocs.org/en/latest/install.html) if you feel more technical). Once you have python and the jupyter notebooks installed you are ready to open the notebooks using the following steps:

1. First open up your Command Prompt (search for **cmd** on a Windows machine) or if you are on a Mac use your terminal (Spotlight search for **terminal**).
2. Next in you terminal/command prompt type **pwd** and press enter (this will print your working directory)
3. Take note of what file directory was displayed, this is where you should save your **.ipynb** files (or a folder containing your **.ipynb** files)
4. Once your **ipynb**files or folder containing the files is in the location displayed from the **pwd** step go back to your terminal and type **jupyter notebook** and press Enter.
5. After Step 4 you should have a browser tab open up with the Jupyter Notebook system running inside of it.
6. Click on your Notebook (or go to your folder of Notebooks) displayed in the Jupyter Notebook and it will open in a new tab with the Notebook you selected.
7. You should now have successfully opened a Notebook file.