**SKELETAL NOTES** (follow this template to take notes as you are working through the lab):

**Learning Objectives**

What are the main learning objectives for this lab?

**Packages:**

What packages are used in this lab?

 **Python functions**:

* Write down the syntax for defining python functions:
* Write down the syntax for allowing the module to run as a standalone program starting from function main()

**Unix**

Write down the syntax for writing a python program from the command line

**FOCUS QUESTIONS** (Make sure you can answer these questions when you are done with the lab):

* When you want to use a new dataset, what do you need to know about the data (other than the file name) so you can use it/access it in your program?

* Assume you just downloaded a new dataset. You load it into a pandas dataframe in your program. What would you do first to start exploring/understanding the data?

* Why is it useful to be able to run a python program from the command line?