Week	Class Topic	Reading_Chapter	Reading_Source	Activity	Homework
1	Python variables & Types	01-06	Whirlwind Tour of Python	DataCamp - Python Basics	Find a cool notebook to share with the class
1	IPython/Jupyter Notebooks	01.01-01.04	Python Data Science Handbook		
2	UNIX/bash/shell	01-03	Software Carpentry - Shell	DataCamp - Files and Directories	Write the "Hello World" Program
2	IPython shell commands	01.05	Python Data Science Handbook		
3	Git and GitHub	01-07	Software Carpentry - Git	Try Git: Git Tutorial	Create a GitHub repo for the Hello World assignment
4	Lists	07	Whirlwind Tour of Python	DataCamp - Python Lists	Write the "GC%" Program and push it to GitHub
5	Columbus Day - No class				
6	Loops	08	Whirlwind Tour of Python	DataCamp - Loops	Give an example of how you might use a loop
7	Conditionals	08	Whirlwind Tour of Python	DataCamp - Logic and Control Flow	Give an example of how you might use conditionals
8	Functions	09	Whirlwind Tour of Python	DataCamp - Functions and Packages	Write the "Cubed" Program and push it to GitHub
9	Numpy	02	Python Data Science Handbook	DataCamp - Numpy	Numpy problem set
10	Dictionaries and Pandas	03	Python Data Science Handbook	DataCamp - Dictionaries & Pandas	Pandas problem set
11	DataViz	04	Python Data Science Handbook	DataCamp - Matplotlib	Prepare a plot using Matplotlib to share with the class
12	Machine Learning	05	Python Data Science Handbook	DataCamp - Titanic 1	Give an example of how you might use machine learning
13	Biopython	00-02	Biopython-Notebook	DataCamp - Titanic 2	Work on Final Project/Presentation
14	Student Presentations			DataCamp - Titanic 3	Work on Final Project/Presentation
15	Student Presentations				