**Northwestern University Data Science Boot Camp 12/01/2018 Class Summary**

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This class focused on reading in datasets, csv files specifically, into python for some basic analyses. More specifically, the “csv” module was used to read in csv files, while the “os” module was used to connect the csv file in a specific folder (this code would work on both a mac or windows computer). If there is a header row for variable names, they will need to be accounted for in the code. The class also introduced dictionaries in python, which can help store data using a key and value tied to that key. Dictionaries seem very versatile, being able to store individual values, lists, or dictionaries to keys.

The class introduced using list comprehensions for writing for loops. This can be useful for writing codes that involve one for loop, even with one conditional added in. However, a list comprehension would seem too complicated to keep track of if there is a nested for loop. Finally, functions were discussed, which can have either input(s) or no input(s).









