INFO 6105
Data Science Engineering Methods
Assignment 2 – R to python

Professor: Nik Bear Brown
Due: Sunday October 14, 2018

MUST be done alone.

Assignment 2 – R to python

In this assignment you will replicate an R notebook or notebooks as python notebook(s). You will translate the Rmd notebooks and links to Kaggle R notebooks in YOUR notebook folder. You will determine your notebook folder by removing any leading zeros from your NUID and calculating the modulo 19 of your student ID. (TAs will check that your submission folder is the one assigned and deduct 25% if it is wrong). For example, if your NUID is 001996899, you would calculate the modulo 19 of 1996899 which is 18 and choose folder 18 for replication in python.

The notebook folders are found at
https://github.com/nikbearbrown/INFO_6105/tree/master/Assignments/Assignment_2

The replicated notebooks must include text, images and code.

Twenty-five percent of the grade is based on the professionalism of the submitted code (see below). Fifty percent of the grade is based on the correctness and coverage of the assigned notebooks.

Professionalism

- Style guide
- Consistent Naming Scheme
- Commenting & Documentation
- Consistent Indentation
- DRY Principle/Cookie Cutter (DRY stands for Don't Repeat Yourself)
- File and Folder Organization
- Separation of Code and Data
- Use Efficient Data Structures and Algorithms
- Keep Your Code Portable

Scoring Rubric

Score	%	Description
Quality Score	25	Professionalism of the work.
Correct notebook folder	25	Correct notebook folder (The modulo 19 of you student ID)
Code	50	Does your code meet the requirements? What percentage of the original notebooks were covered?

Submission of Coding Assignments

Your submission must include the notebooks and data.

You will submit your assignments via BlackBoard. Click the title of assignment (blackboard -> assignment -> <Title of Assignment>), to go to the submission t IDpage. You will know your score on an assignment, project or test via BlackBoard. BlackBoard represents only the raw scores. Not normalized or curved grades. Extra credit will be notified via e-mail.