Milestone 1

Saturday, March 14, 2020   9:10 AM

Project Plan Draft

Milestone 2 - Data Selection and Project Proposal
I am currently reviewing the American Time Use Survey (ATUS) 2014-2016 Health Module data as the primary focus for my term project. Specifically, the Eating Health (EH) Module data files contain additional information related to eating, meal preparation and health. There are a number of paths I might be able to take with this data in regards to eating habits and their effects.

Milestone 3 - Preliminary Analysis
I plan to leverage the skills I've learned in all my previous courses, from Statistics, Exploratory Data Analysis, through Data Mining. I've become a huge proponent of Jupyter lab/notebooks so I anticipate spending many hours immersed.

Milestone 4 - Project Presentation & Status
While I still keep my hand in R, I've thrown my lot in with the Python ecosystem. I use Python extensively at work for many things other than Data Analytics, such as ETL (Extract, Transform, Load) processes. I don't get involved in the R/Python flame wars; simply, for me, Python is my "Swiss army knife". Having said that… I will leverage the Python **plotnine"** library because it is virtually a clone of Hadley Wickham's outstanding **ggplot2** R library.

Milestone 5 - Final project paper and presentation
Bringing it all home, I *think* I can wrap this all into Markdown, which is supported by both R/Rstudio and Jupyter notebooks. However, one of the great things about Jupyter is the ability tto export to other presentation formats, such as html and pdf.