PUI2015 Extra Credit Project Template

Project Title   <students name, github handle, NYU ID>

(NO MORE than 3 pages (seriously!) including figures and tables, but not including bibliography. please keep the font from getting so small that it cannot be read. additional figures can be uploaded separately (on github, or on a URL) but they must not be essential to the review: i will look at them time permitting, but i must be able to get the picture from the 3 pages.)

Abstract: a <u>brief</u> summary of the project and the conclusions reached.

Introduction: Contextualize the problem: what is the question you want to answer, why is it important, what previous work had been done on it, what steps did you take to answer the question.

Data: what data you identified as available and suitable to answer the question. what were the sources and where is the data available. what were the weaknesses of the data (errors, biases…). what data wrangling and processing techniques were applied. 9You may want to include plots and or tables that help the reader understand the data, although you ALSO need a good description in good prose!)

Methodology: what analytical tools were used, why were they the appropriate tools. give references here to the use of these tools in similar contexts and the strengths and weaknesses of the methods. what methods could not be used because the data was not supporting them, but would have been able to answer the question.

Conclusions: what did you find? how does it compare to previous findings, how does it comare to your expectations when you strted the project and why was any question ananswered or not answered adequately by this analysis.

Future work: what improvements to the analysis, or what data would be needed to improve the result. (You probably want to include plots and tables here too).

Links: links to code and data (in the spirit of reproducibility i should be able to reproduce identically all plots you include using your code and your data)

Bibliography