Opportunities for bonus points applied to your homework score. Any that you do must be turned in by the last data of finals.

1. Sign up for `kaggle.com`, pick any public dataset, and perform some kind of analysis of it. It could just be data cleaning and visualization, it could be a more in depth exploratory analysis, or it could be actually doing classification or regression. Worth up to 10% boost in your *total* homework score, depending on how thorough it is. To turn this in just setup a time to show me what you have done.

2. Pick any publicly available dataset and design a programming assignment for the next time I offer the course. You can get some points for an interesting assignment about topics we have already covered, but to maximize the points choose a topic we didn't have a homework assignment on — either deep learning or some topic we covered briefly or not at all. Worth up to 10% boost in your *total* homework score, depending on how thorough it is. Email me your submission, either as a python file, Jupyter notebook, or zip files.

3. Complete part or all of Andreas Müller's deep learning homework assignment here: `https://github.com/amueller/COMS4995-s18/raw/master/homeworks/Homework6.pdf`. Worth up to 20% boost in your *total* homework score, depending on how thorough it is. Email me your submission, either as a python file, Jupyter notebook, or zip files.