References for Project 1: Do more people ride the NYC subway when it is raining?

References - UPDATED JAN 2016

Interpreting P-values:

https://en.wikipedia.org/wiki/Welch's t test

http://blog.minitab.com/blog/statistics-and-quality-data-analysis/what-are-t-values-and-p-values-in-statistics

Interpreting the Mann-Whitney U test

https://discussions.udacity.com/t/webcast-understanding-the-mann-whitney-u-test/25646 http://stats.stackexchange.com/questions/70034/mann-whitney-u-test-critical-values-for-very-large-samples

Correcting multicollinearity

https://discussions.udacity.com/t/webcast-multicollinearity-in-linear-regression-tuesday-16th-june-at-5pm-pacific-time/21994

Exploring data in python

http://www.dataiku.com/static/img/blog/ipynb/Notebook.html

Visualizations

http://blog.yhathq.com/posts/ggplot-for-python.html

http://blog.yhathq.com/posts/ggplot-0.4-released.html

https://discussions.udacity.com/t/problem-set-4-1-visualization-of-categorical-data-weekdays-etc/26296/3

http://stackoverflow.com/questions/20331439/how-to-set-xlim-in-python-matplotlib-pyplot

https://discussions.udacity.com/t/lesson-3-problem-1-matplotlib-plot-issue-contains-spoiler-code/14834

http://matplotlib.org/examples/pylab examples/histogram demo extended.html

http://matplotlib.org/examples/color/named colors.html

http://pandas.pydata.org/pandas-docs/stable/generated/pandas.melt.html

http://stackoverflow.com/questions/24478925/is-it-possible-to-plot-multiline-chart-on-python-ggplot

Residuals

 $\underline{http://blog.minitab.com/blog/adventures-in-statistics/why-you-need-to-check-your-residual-plots-f}\\ \underline{or-regression-analysis}$

Presentation on theme: "Chapter 12: Multiple Regression and Model Building."

https://onlinecourses.science.psu.edu/stat501/node/36