Web pages with Jupyter, A5

Learning goals:
- **Use GitHub and Jupyter notebooks to make personal web pages**
- **Make progress on A5**
- **Project advice**

COGS 108 Fall 2020
Atman Patel
Discussion 7

a2patel@eng.ucsd.edu
OH: Tue 11:30am-12:30pm

Materials adapted from Sam Lau WI20

How to turn a notebook into a webpage using GitHub

- **File -> Download As -> HTML**

- **Upload HTML file to GitHub Repo**

- **Turn on GitHub Pages for repo (Settings -> GitHub Pages -> master branch)**

- **View your webpage at {username}.github.io/{repo_name}/{notebook_name}.html**

Next week

- **A6 help**
- **Can also give final project advice**

A5 quick tips

- **1h, 1j, 1l: Apply works like this: `df['col'].apply(some_function)`**

- **3c: To get first value of series, use `some_series[0]`. To get first value of index, use `some_series.index[0]`**

- **4b: A p-value < 0.01 means NOT normal.**

- **5h: Check patsy documentation for model expression syntax.**
  The P>|t| column tells you the p-value for the association between a variable and the height. A p-value < 0.01 means there IS an association.
  Also useful: The [0.025 and 0.975] columns tell you the 95% confidence interval.

- **Why do we use OLS to check difference in means?**
  https://lindeloev.github.io/tests-as-linear/