

# Web pages with Jupyter, A5

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## Learning goals:

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

**COGS 108 Winter 2020**  
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**Discussion 6**

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**OH: Fri 10a-11a on Zoom**

# 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`**
- **Sam will demo**

# 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/>