Week 1 Handout

Gov 50 Data Science for the Social Sciences

John Koo

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1 Contact Info

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2 Where to get help outside classes?

- For tech assistance or help with homework: **Course Assistant-led Study Halls**

  Study halls are a combination of office hours and drop-in tutoring sessions. Course assistants will hold a table usually at one of the house dining halls or common rooms and help students with assignments and course material. Study halls work best if you come as a group and work on the assignments on your own while you are there and ask for help from the CAs when you get stuck.

  Schedule: TBA

- For initial help with course content: ask on course Slack (accessible via Canvas sidebar) or sign up for my office hours

- For perspective and inspiration: sign up for Scott's office hours

3 Getting the most (grades) out of this class

- Podcast and Article Responses (5%) [one two-page doc every other week]

- Problem Sets (20%) [seven to eight in total]

- Mid-term exam (20%) [in-class, written, closed book]

- Final exam (20%) [in-class, written, closed book]

- *Final project* (25%)

The project must include: (1) introduction to your question and data, (2) data visualization addressing your question, (3) regression analysis with plain-English interpretation, (4) limitations and potential improvements, and (5) link to GitHub repository with all code.
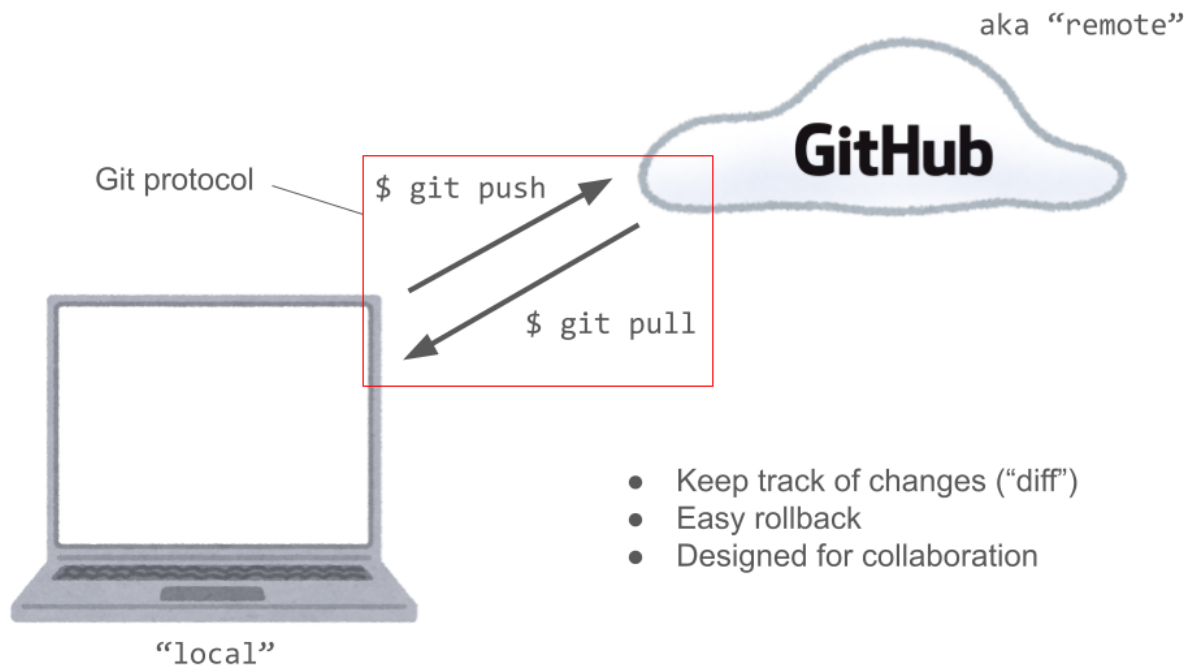
4 Getting Started

- Software: R, RStudio

- Versioning: Git and GitHub

Figure 1: *Git and GitHub*