Data Wrangling in R Putting it all together

Further resources

https://r4ds.had.co.nz/index.html - section on "wrangling"

https://adv-r.hadley.nz/ - Advanced R: more on functional & object-oriented programming

<u>https://rafalab.github.io/dsbook/introduction-to-data-wrangling.html</u> - Great foundations for R, with more examples like the ones in this class

https://jhudatascience.org/tidyversecourse/ - tidyverse course

- <u>Link</u> for coursera version to earn a certificate

Open case studies: <u>https://www.opencasestudies.org</u>

Further resources - git

https://happygitwithr.com/

https://lab.github.com/

https://www.katacoda.com/courses/git

https://git-school.github.io/visualizing-git/

https://rogerdudler.github.io/git-guide/

https://medium.com/quick-code/top-10-git-gui-clients-for-developers-b56d7025 79a6 - GUIs are a great way to get comfortable without memorizing commands

<u>https://github.com/Meghansaha/please_let_me_merge?tab=readme-ov-file#reso</u> <u>urces-for-improving-git-knowledge</u>

Interested in using R in the cloud? RStudio cloud environment on posit.cloud or on AnVIL

https://anvilproject.org/

https://hutchdatascience.org/AnVIL Collection/

Reach out to Ava! (ahoffma2@fredhutch.org)

"It's okay to google it"

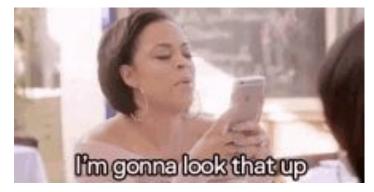
http://stats.stackexchange.com/

http://stackoverflow.com/

https://support.bioconductor.org/

www.google.com





Three things: #1 Beware your humanness

General Article

False-Positive Psychology: Undisclosed Flexibility in Data Collection and Analysis Allows Presenting Anything as Significant

Psychological Science XX(X) 1–8 © The Author(s) 2011 Reprints and permission: sagepub.com/journalsPermissions.nav DOI: 10.1177/0956797611417632 http://pss.sagepub.com

PSYCHOLOGICAL SCIENCE



Joseph P. Simmons¹, Leif D. Nelson², and Uri Simonsohn¹

¹The Wharton School, University of Pennsylvania, and ²Haas School of Business, University of California, Berkeley

http://pss.sagepub.com/content/22/11/1359.abstract

Three things: #1 Beware your humanness

General Article



PSYCHOLOGICAL SCIENCE

The Wharton School, University of Pennsylvania, and ²Haas School of Business, Univ

http://pss.sagepub.com/content/22/11/1359.abstract

Three things: #2 Be reproducible!

"Your closest collaborator is you in six months, but you don't respond to email."

Be kind to future you!

http://kbroman.org/Tools4RR/assets/lectures/06_org_eda_withnotes.pdf

Three things: #3 Just try it



Refer back! <u>https://sisbid.github.io/Data-Wrangling/</u>