Final comments

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Final Projects

The final projects are generally great, and some of you have done a fantastic job.

I've learned about nuances of ggplot from these project I didn't know before 😄

Some pitfalls

- R Markdown documents are meant to be reproducible, so are self-contained

  - Put all the `library` commands you need inside the document. On knitting, a new R session is started, so you have to be explicit in packages

  - Same goes for data imports

- Many of you put full paths to data sets in your documents. Those won't be the right paths on my computer 🙀

  - The `here` package is your friend

  - Read this presentation by Jenny Bryan for a lot of good ideas about workflow maintenance

  - For that matter, read anything by Jenny Bryan. Her work is something I always turn to for practical issues and best practices in R

Next steps

- Presentations by Hadley Wickham, Jenny Bryan, Jared Lander, Daniel Chen

- The R4DS book

  - Look on bookdown.org for other free R books

  - One of the better ones for you guys is Modern Statistics for Modern Biology by Susan Holmes and Wolfgang Huber at Stanford

- Videos of presentations (and often materials) at rstudio::conf, New York R conference, DC R Conference, satRdays, EARL, Bioconductor and R-Ladies. Google is your friend.