Intro into R workshop

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Overview of Day 1

- Objective-driven science
- What is R, RStudio [Git and Github]
- Getting & staying organized with data analysis in R: Best practices
- Basics of coding
- Commands, functions, packages
- R data types
- Basic graphs

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Working in RStudio

Benefits of project-oriented R analysis

- Keep everything related to your analysis (scripts, data, raw data…) in the same working directory
- uses "relative paths"   "~/PSEC-R-workshops/hey.csv"
- vs " absolute paths" "C:/Users/Ania/R_coding/PSEC-R-workshops/hey.csv"
- You will thank me one day

More advice on this from Jenny Bryan @RStudio here (see Day 1 PDF slides)

https://github.com/jennybc/what-they-forgot#readme

How to develop best practices for doing work with R

- Check out R scripts & R projects of experts in the field

Allows hosting of your repository on a remote server