

PSY 503: Foundations of Statistical Methods in Psychological Science

R-Basics

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Zoom & 311 PSH (Princeton University)

Slides dapped from

<https://robust-tools.djnavarro.net/welcome>

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1. Science & Tools for Science

Scientific work is a little like baking



We love the end product!

- Cupcakes are tasty
- Cupcakes are fun
- Cupcakes are awesome



We're not always excited about the process



- Using the tools well is **work**
- Finding good recipes is **work**
- Expert bakers are intimidating
- Failures are demoralising

Many lab sessions are about the tools



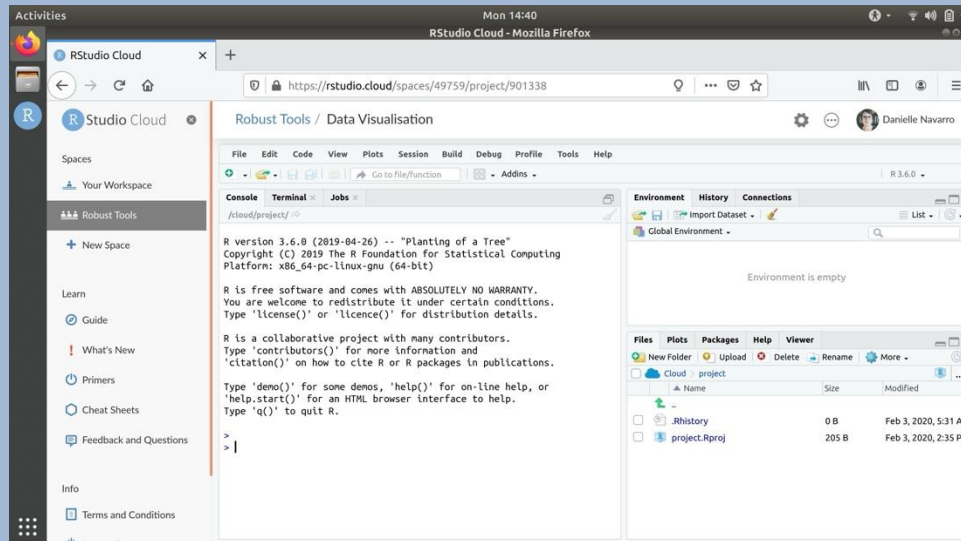
Paired discussion

- Flesh out this analogy.
- What other parallels exist?
- How does it relate to you?
- Anxiety about the class?
- Etc.

03:00

2. R, R-Studio

R + RStudio in the cloud



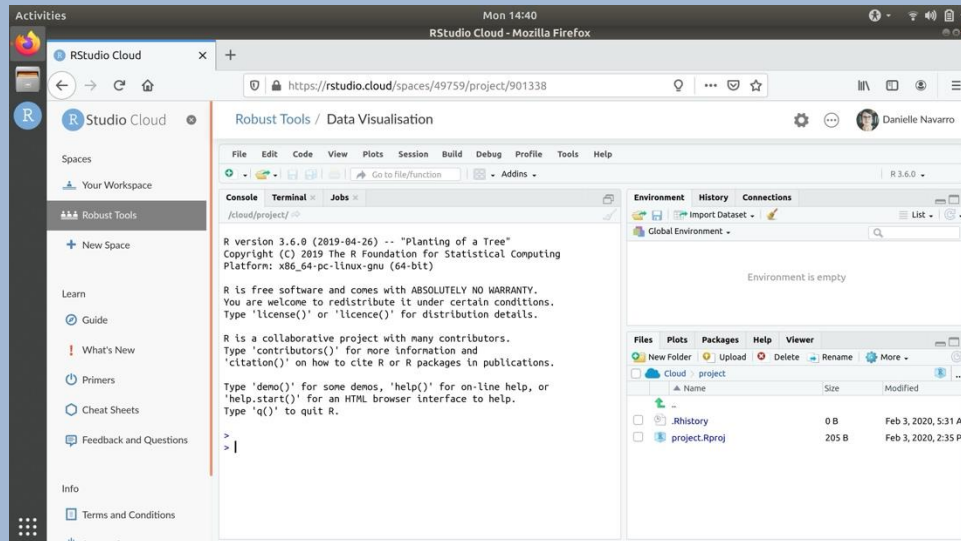
- Sign up at:
- <https://posit.cloud/>

3. A Walkthrough

4. Install R, Rstudio

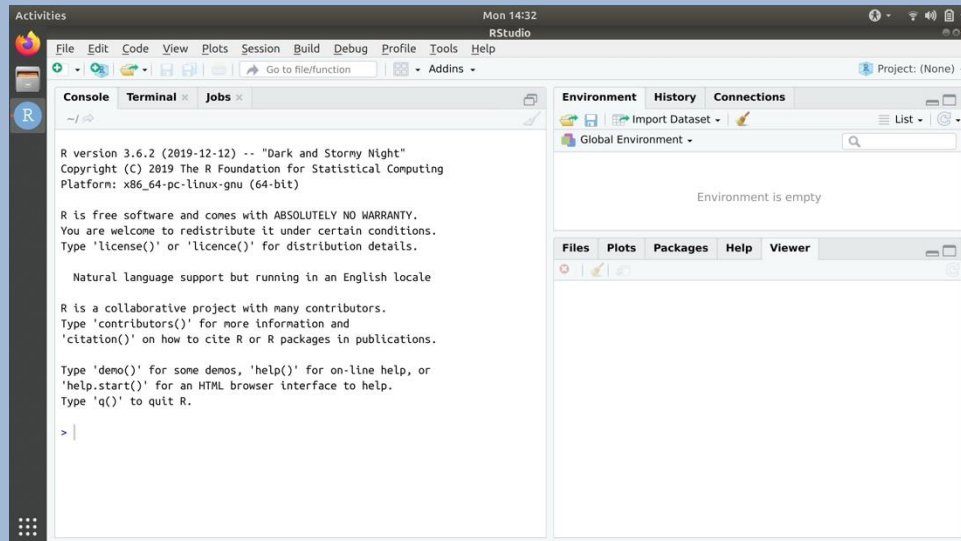
- <https://posit.co/download/rstudio-desktop/>

R + RStudio in the cloud



- Sign up at:
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R + RStudio on my laptop



- Download and install R
- Download and install RStudio
- Install a lot of other things
- Cry when something breaks
- Ready to go!

4. Install R, Rstudio (before next lab)

- <https://posit.co/download/rstudio-desktop/>