

FAQ about R

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Where do I get access to R and R Studio?

- Option 1: Use R Studio in the cloud.
 - Free account that you can access anywhere.
 - I have setup the basic environment for you already. Ready to go immediately.
- Option 2: Download and install R, R Studio, and a lightweight version of LaTeX.
 - Need help? Check out the DataCamp lesson on working with R Studio (Orientation chapter only) <https://www.datacamp.com/courses/working-with-the-rstudio-ide-part-1>
 - You will then have to install all the necessary packages that we use in this class.
 - You will also have to set the following preferences:
 - * In RStudio the file menu go to Tools then Global Options.
 - * Uncheck “Restore .RData into workspace at startup” and “Always save history”
 - * Where it says “Save workspace to .RData on exit.” Select “Never”
 - * Click apply then ok.

Where can I get help using R outside of class time?

Online

- Chico R User Group
- UCLA IDRE <https://stats.idre.ucla.edu/r/>
- Cookbook for R <http://www.cookbook-r.com/>
- R Examples repository <http://dwoell.de/rexrepos/index.html>
- R Cheat Sheets <https://www.rstudio.com/resources/cheatsheets/>

In Person:

- **Community Coding** - TR 2-4pm, THMA 116
- **Robin Donatello** - Stat professor. Holt 202 Office Hours: TBD
- **Edward Roualdes** - Stat professor. Holt 204 - eroualdes@csuchico.edu Often at community coding.
- **Peer Mentors**. Possibly available for private tutoring also.
 - **Victoria Coia** vcoia@mail.csuchico.edu
 - **Mariby Cruz** mcruz27@mail.csuchico.edu
 - **Ricardo Aguilar** raguilar11@mail.csuchico.edu
 - **Eduarod Gomez** egomez42@mail.csuchico.edu
- **Math Learning Lab (MLIB 4th floor)** List of tutors TBD
- **R Meetup group** Coding over coffee (or adult beverages) anyone?

Help with...

General R Programming

- Base R Cheatsheet <http://github.com/rstudio/cheatsheets/raw/master/base-r.pdf>

- PDS Common errors [DOCX]
- PDS Useful functions [DOCX]
- PDS Navigating data sets [DOCX]
- R Cookbook <http://www.cookbook-r.com/>
- Quick-R <http://www.statmethods.net/>

R Studio & R Markdown

- R Studio Cheatsheet <https://github.com/rstudio/cheatsheets/raw/master/rstudio-ide.pdf>
- R Markdown Cheatsheet <https://github.com/rstudio/cheatsheets/raw/master/rmarkdown-2.0.pdf>

Graphics

- Data Visualization using ggplot <https://github.com/rstudio/cheatsheets/raw/master/data-visualization-2.1.pdf>
- PDS Graphing in GGplot [PDF]
- PDS Bivariate graphing [PDF]
- Math 130 https://norcalbiostat.github.io/MATH130/full_data_viz_tutorial.html
- R Graphics Cookbook <http://www.cookbook-r.com/Graphs/>
- Quick R <https://www.statmethods.net/graphs/index.html>
- STHDA <http://www.sthda.com/english/wiki/data-visualization>
- Data Camp <https://www.datacamp.com/courses/data-visualization-with-ggplot2-1>
- R Graph Gallery <https://www.r-graph-gallery.com/>

Data Cleaning

- Data Transformation using dplyr <https://github.com/rstudio/cheatsheets/raw/master/data-transformation.pdf>
- Data Camp <https://www.datacamp.com/courses/cleaning-data-in-r>
- Applied Stats Notes Chapter 1 https://norcalbiostat.github.io/AppliedStatistics_notes/index.html