

Getting started with R

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The software we are going to use in this class is **R**, **R Studio**, and **R Markdown**.

Install R and R Studio

R is a free software for statistical computing and graphics. To install R, visit the R project website: <https://www.r-project.org>. In this class, we are going to use R Studio, an integrated development environment for R. To find instructions for downloading R studio, visit this website: <https://rstudio.com/products/rstudio/>

R Markdown is highly recommended for preparing your course assignments. An short video on how to create and save R Markdown files is posted on the course website.

R Resources

It is expected that you have some experience in using R. However, one of the goals of this course is to strengthen your knowledge and help you be proficient in using R for analyzing regression models. Some useful resources are the following:

1. The official intro, [An Introduction to R](#).
2. Introduction to R. [\[PDF\]](#)
3. simpleR [\[PDF\]](#) by John Verzani.
4. The R Inferno [\[PDF\]](#) by Patrick Burns
5. R Fundamentals and Programming Techniques [\[PDF\]](#) by Thomas Lumley
6. The R Markdown Cheat Sheet [\[PDF\]](#)
7. The ggplot2 Cheat Sheet [\[PDF\]](#)
8. R Class Notes: Introducing R [\[UCLA\]](#)
9. Resources to help you learn and use R at [\[UCLA\]](#)
10. R Markdown guide from R-Bloggers [\[here\]](#)