

Scientific Visualization

CSCI 297b, Spring 2023

April 20, 2023

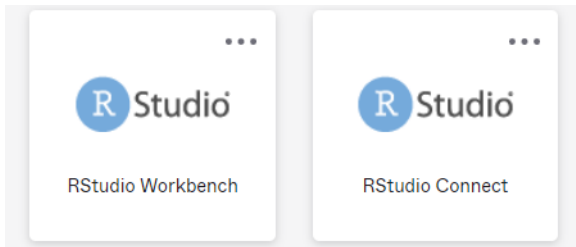
csci297b Scientific Visualization

- Instructor: Geoffrey Matthews gmatthews@wlu.edu
- <https://github.com/geofmatthews/csci297b>
- MTWRF, 10:30 AM - 12:30 PM, Parmly 405
- Office hours: 9:30 MWF and by appointment

Online resources

- <https://www.r-project.org/> **R home**
- **Books**
 - <https://alexdl106.github.io/intro2R/index.html> An Introduction to R
 - <https://rbasics.netlify.app/index.html> Getting Used to R, RStudio, and R Markdown
 - <https://moderndive.netlify.app/index.html> A ModernDive into R and the Tidyverse
 - <https://rstudio-education.github.io/hopr/> Hands-On Programming with R
 - <https://bookdown.org/rdpeng/rprogdatascience/> R Programming for Data Science
 - <https://datasciencebook.ca/> Data Science: a First Introduction
 - <https://r4ds.had.co.nz/> R for Data Science
 - <https://ggplot2-book.org/> ggplot2: Elegant Graphics for Data Analysis
 - <https://clauswilke.com/dataviz/> Fundamentals of Data Visualization
 - <https://bookdown.org/yihui/rmarkdown/> Rmarkdown: the Definitive Guide
- **Other**
 - <https://www.w3schools.com/r/default.asp> R tutorial
 - <https://education.rstudio.com/learn/beginner/> R Studio Education Links
 - <https://posit.cloud/learn/primers> Online primers
 - <https://rladiessydney.org/> Video tutorials
 - <https://rmarkdown.rstudio.com/> Rmarkdown videos

RStudio Workbench and Connect



Installing R and RStudio on your own computer

- <https://www.r-project.org/>
- <https://posit.co/download/rstudio-desktop/>