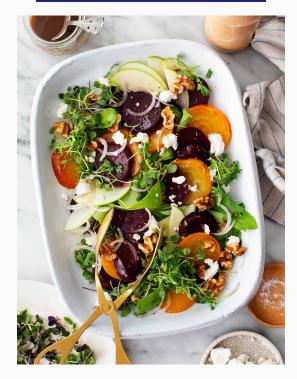
BST 219 Core Principles of Data Science

Lecture 6: R Basics Continued September 19, 2024

Recipe of the Day!

Beet Salad with Goat Cheese and Balsamic





What do you mean I'm not supposed to chew the cart?!?

Agenda

- Announcements
 - Lab this week! FXB G03 and Zoom
 - Office hour change: Wednesday
 3-4pm in Heather's office instead
 of Thursday 1:30-2:30pm
 - Homework #1 due 9/27 by 11:59pm
- R functions glossary
- Continuation of coding basics

Glossary

Cheat sheet of functions used in the lessons

Lesson 1 – Introduction to R

- sqrt() # calculate the square root
- round() # round a number
- args() # find what arguments a function takes
- length() # how many elements are in a particular vector
- class() # the class (the type of element) of an object
- str() # an overview of the object and the elements it contains
- typeof # determines the (R internal) type or storage mode of any object
- c() # create vector; add elements to vector
- [] # extract and subset vector
- %in% # to test if a value is found in a vector
- is.na() # test if there are missing values
- na.omit() # Returns the object with incomplete cases removed
- complete.cases()# elements which are complete cases