

BST 219

Core Principles of Data Science

Lecture 7: R Basics Continued
September 24, 2024

Recipe of the Day!

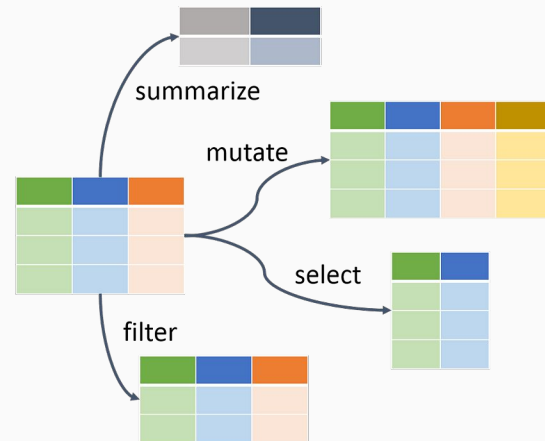
Authentic Thai Massaman Curry (Credit to Jennifer)



~Chill daycare vibes~

Agenda

- Announcements
 - Lab this week! FXB G03 and Zoom
 - Homework #1 due 9/27 by 11:59pm
 - Plots: for this HW only axis labels do not need to be “pretty” or intuitive/informative. We will be learning how to do this in the next module.
- Continuation of coding basics



- We'll be learning the dplyr functions today
- [dplyr glossary](#)
- [dplyr cheat sheets](#)



dplyr

Overview

dplyr is a grammar of data manipulation, providing a consistent set of verbs that help you solve the most common data manipulation challenges:

- `mutate()` adds new variables that are functions of existing variables
- `select()` picks variables based on their names.
- `filter()` picks cases based on their values.
- `summarise()` reduces multiple values down to a single summary.
- `arrange()` changes the ordering of the rows.