R Programming I

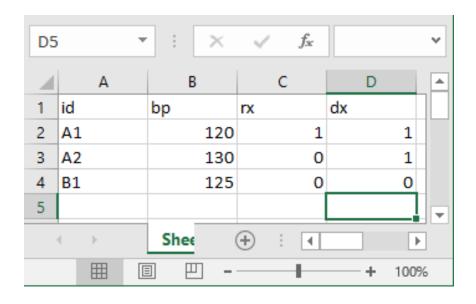
Nathaniel MacNell

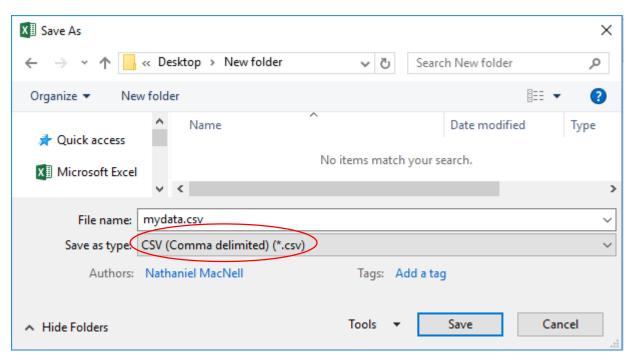
Overview

- Slides: What is a Data Frame?
 - How do I inspect it?
- Activity: Inspect Births data frame
 - **Dictionary**

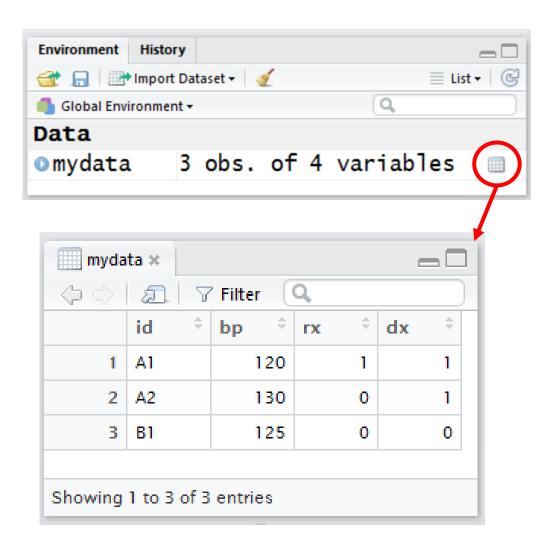
Importing Data

- 1. Get a spreadsheet
- 2. Save as .csv
- Import using read.csv()

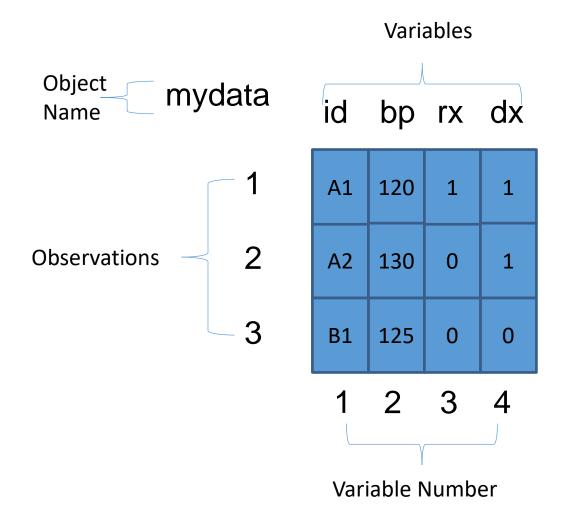




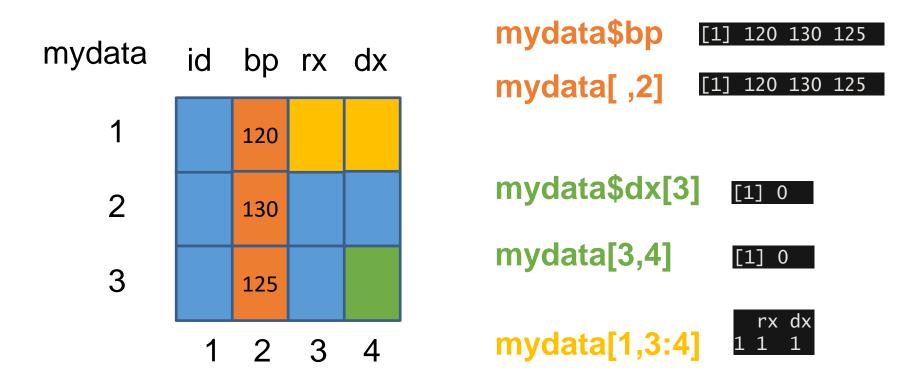
Confirming Import



Parts of a Data Frame



Referencing a Data Frame



Activity: Explore the Births data

- Feel free to follow along with me or go on your own.
- Use the <u>Dictionary</u> and your knowledge of data frames to explore the Births dataset to answer these questions:
- 1. How many observations / variables are there?
- 2. Characterize the distribution of the GEST variable: mean, sd, plot the distribution, how many missings?
- 3. Identify a **numeric** and **character** variable. Summarize the numeric variable by the categories of the character variable (tables, graphs, or stats)