Week One: Reading different file types

Raw versus Processed Data

- Raw data Original source of the data
- Processed data Ready for analysis

Components of Tidy Data

- Raw Data
- Tidy Data Set
- A code book of each variable and value (and units)
- Explicit and exact recipe to go from 1 to 2,3

Downloading Files

Check for and create directory exists ** if(!file.exists("data")) { dir.create("data")} **
download.file()

Read Excel Files

• library(xlsx) *r ead.xlsx

Read XML

Refer to class notes for best example

Reading JSON

• Library(jsonlite) ** fromJSON("")

Writing data frames to JSON

• toJSON(iris, pretty=true)

Read more about data.table