

# **Week 4: Data, A Field Guide**

**Assignment: Data in the Tidyverse (Covered Week 5; Optional)**

Prof. Jack Reilly

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**Due This Week: Problem Set 4**

**Lecture: A Field Guide to Data**

**Readings & Reference Material**

- DMSS, ch 3 & 4
- RDS, chs 7 & 8
- FCSP, ch 5.4-5.6
- Tidyverse cheatsheets: <https://rstudio.github.io/cheatsheets/>, especially:
  - data tidying with tidyr: [html](#) and [pdf](#)
  - data transformation with dplyr: [html](#) and [pdf](#)
  - data import with readr: [html](#) and [pdf](#)
  - data visualization with ggplot2: [html](#) and [pdf](#)

**Computer Work**

In case you have not yet done so, install the `tidyverse` series of packages in your local R installation.

**Due Next Week: Problem Set 5**