

Data Management I



USC SPEC Lab Summer 2022

The goal: We're going to get started with data management. In this module, we're going to learn how to view, arrange, and change data with the package 'tidyverse'. By the end, you should be able to find, isolate, and change existing variables as well as creating new variables.

1. Introductory Videos

[Welcome to Data Management Using dplyr](#)

[Overview of dplyr and Data Exploration](#)

[Using select\(\) from dplyr to Subset by Variable](#)

[Using filter\(\) from dplyr to Subset by Observation](#)

[Using the Pipe Operator with dplyr](#)

[Using arrange\(\) from dplyr to Reorder Variables](#)

[Using mutate\(\) from dplyr to Create New Variables](#)

[Using summarise\(\) and group_by\(\) from dplyr](#)

[Using group_by, nth\(\), n_distinct from dplyr and Wrap-up Exercise](#)

2. Walk Through Work

Data Management I with tidyverse

3. Group Work

Power Sharing Group Problem Set

4. Individual Work

Power Sharing Homework Problem Set

Resources

R Studio Cheat Sheets

- [Data Transformation with dplyr](#)
- [Data Import with readr, readxl, and googlesheets4](#)