

# Data Management I



USC SPEC Lab Summer 2021

**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

### 1.1 [Introduction to Data Management: Key functions of dplyr](#)

### 1.2 [Arranging Data](#)

- arrange()

### 1.3 [Viewing Data](#)

- select() & nth elements

### 1.4 [Changing Data](#)

- mutate() & piping

### 1.5 [Using Data](#)

- filter() & Logical Operators

### 1.6 [Piping Practice](#)

- summarise() & Concluding Remarks

## 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

DataTransform.pdf

Data-Import.pdf