



1.3.2: Data Wrangling

(Asynchronous-Online)

Session Objectives

1. To read in data.
2. To subset data.
3. To select, create, and modify variables.
4. To filter the observations according to a certain condition.
5. To explore and summarize data.
6. To run descriptive statistics.

Key points to cover: 1. Import data. 2. Introduce to tidyverse. 3. Summarize data and run descriptive statistics. 4. Introduce other resources (e.g., books, blogs, or websites) trainees can refer to.

0. Pework - Before You Begin

introduction to tidyverse



1. To read in data.

importing data



2. To subset data.



3. To select, create, and modify variables.



4. To filter the observations according to a certain condition.



5. To explore and summarize data.

base r - summary stats

making tables

gtsummary package

other packages - arsenal, tableone and Rmarkdown formatting of tables... get inspired

table competitions



6. To run descriptive statistics.



References

R Core Team. 2024. *R: A Language and Environment for Statistical Computing*. Vienna, Austria: R Foundation for Statistical Computing. <https://www.R-project.org/>.

Other Helpful Resources

[Other Helpful Resources](#)