

Your turn:

- ▶ Click here for: Household Data
- ▶ Click here for: Individual Data

Challenge: Click on the Data and download the csv files from Github to your local computer. Open RStudio and try to import the datafiles.

Exercise:

1. Import data from Github
2. Column "hhid" is the household ID, column "PID" is the personal ID.
3. s8q36a , s8q36b , s8q36c , s8q36d , s8q36e , s8q36f , s8q36g are hours worked for each weekday
4. take individual dataset and construct individual id's (hint: use paste0())
5. stack the seven hours worked columns into a single one by using gather() or pivot_longer()
6. For each individual compute sum of hours worked across weekdays.
7. return tibble with single row per individual (hint: distinct()).

Main Take-aways

- ▶ readr, foreign, haven for importing
- ▶ R Projects
- ▶ pivot_longer(), pivot_wider()
- ▶ pipes (%>%)
- ▶ group_by(), mutate(), summarise()
- ▶ join
- ▶ ggplots
- ▶ case_when(), if_else(), distinct(), unique(), is.na(), filter(), write.csv()