

Problem Set Introduction

insert your name here

insert date here

Welcome to Data Management and Manipulation Using R!

In this problem set, you will load data from url, or absolute/relative filepath.

- Note: Change author to your name & date to current date

Step 1:

- Download the module1.Rmd file from D2L (under lecture materials for next week); place the file in your RClass folder »> modules »> module 1
- Open the module1.Rmd file in RStudio
- Now select the “Knit” tab (icon with blue yarn ball) or scroll down and “Knit to HTML”
- The goal of this step is to make sure you are able to knit to a next week’s asynchronous materials without running into errors.

Step 2:

Question 1: Load .Rdata directly with url

- View your current/working directory first `getwd()`
- Url to data https://github.com/ozanj/rclass/raw/master/data/recruiting/recruit_ps1_small.Rdata
- Hint: to load .Rdata use `load()` function and “url” because you are using a link
- E.g. `load(url("link"))`

Question 2: Set your working directory and use absolute filepath to load data

- Download .Rdata using link from above (copy & paste the link in a web browser)
- Save the downloaded .Rdata file in the recruiting folder (rclass/data/recruiting)
- View your current/working directory `getwd()`
- Use `setwd()` function to set your working directory using the *absolute filepath* to where .Rdata file is saved (rclass/data/recruiting)
- Load the .Rdata file `load(name.Rdata)`
- Using the `names(data frame name)` function, report the names in this dataset (Hint: data frame name is `df_recruiting`)

Question 3: Set your working directory and use relative filepath to load data

- View your current/working directory `getwd()`
- Use `setwd()` function to set your working directory using the *relative filepath* to where .Rdata file is saved (rclass/data/recruiting)
- Load the .Rdata file `load()`

- Report the names in this dataset (Hint: data frame name is `df_recruiting`)

Question 4: Load dataset using relative filepath without first changing working directory

- View your current/working directory `getwd()`
- Load data without setting directory `load(filepath/data.Rdata)`

Knit to pdf select the “Knit” tab (icon with blue yarn ball) or scroll down and “Knit to PDF”

- Submit both .Rmd and pdf
- Keep the same naming convention for all problem set files, but add your lastname: “last-name_problemset_intro.Rmd”