Problem Set 1

insert your name here

9/27/2019

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:

- Go to your rclass folder and open your saved lecture1.2.Rmd file (hint: in lecture1 folder)

- Open the lecture1.2.Rmd file in RStudio

- At the top of the lecture1.2.Rmd file, before the "# R basics", type your first and last name (e.g. "Patricia Martin")

- Now select the "Knit" tab (icon with blue yarn ball) or scroll down and "Knit to PDF"

- The goal of this assignment is to make sure you are able to knit to a PDF without running into errors.

Step 2:

Question 1: Load .Rdata directly with url

- Make sure to view 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

- Save .Rdata file in the recruiting folder (rclass/data/recruiting)

- View your current/working directory `getwd()`
- Use `setwd()` function to set your working directory to where .Rdata file is saved (rclass/data/recruiting)

- When setting working directory, use the absolute filepath

- 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 to where .Rdata file is saved (rclass/data/recruiting)

- When setting working directory, use the relative filepath

- Load the .Rdata file `load()`
- Report the names in this dataset (Hint: data frome 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

- Use this naming convention "lastname_firstname_ps#"