Inclass Assignment (7)

Akshar Patel

3/16/2020

# Handling Text with stringr Package

# Run these two lines first

if (!require('tidyverse')) install.packages('tidyverse'); library('tidyverse')

## Loading required package: tidyverse

## Warning: package 'tidyverse' was built under R version 4.1.3

## -- Attaching packages --------------------------------------- tidyverse 1.3.1 --

## v ggplot2 3.3.5 v purrr 0.3.4  
## v tibble 3.1.6 v dplyr 1.0.8  
## v tidyr 1.2.0 v stringr 1.4.0  
## v readr 2.1.2 v forcats 0.5.1

## Warning: package 'tidyr' was built under R version 4.1.3

## Warning: package 'readr' was built under R version 4.1.3

## Warning: package 'forcats' was built under R version 4.1.3

## -- Conflicts ------------------------------------------ tidyverse\_conflicts() --  
## x dplyr::filter() masks stats::filter()  
## x dplyr::lag() masks stats::lag()

if (!require('stringr')) install.packages('stringr'); library('stringr')

Q1. Update the author name and date in YAML part above.

Q2. A line of code to create a variable yolo that stores a string of “You only live once”

yolo <- ("You only live once")

Q3. A line of code to check data type of yolo variable

class(yolo)

## [1] "character"

Q4. A line of code to return length of yolo variable

str\_length(yolo)

## [1] 18

Q5. Add a correct parameter and value to return “You, only, live, once” (\*note there are commas)

str\_c("You", "only", "live", "once", sep = ", ")

## [1] "You, only, live, once"

Q6. Add a correct parameter and value to return “Youonlyliveonce” (\*note there is no blank)

str\_c("You", "only", "live", "once")

## [1] "Youonlyliveonce"

Q7. Add a correct parameter and value to return “You\_only\_live\_once” (\*note there are underscores)

paste("You", "only", "live", "once", sep = "\_")

## [1] "You\_only\_live\_once"

Q8. A line of code to return “You” “onl” “liv” “onc” using yolo\_con variable and str\_sub() function

yolo\_con <- c("You", "only", "live", "once")  
str\_sub(yolo\_con, 1, 3)

## [1] "You" "onl" "liv" "onc"

Q9. A line of code that returns “live” “once” “only” “You” using yolo\_con variable (\*alphabetical order sorting)

yolo\_con <- c("You", "only", "live", "once")  
  
str\_sort(yolo\_con)

## [1] "live" "once" "only" "You"

Q10. A line of code that returns “You”, “only”, “live”, “once” as “Youonlyliveonce” using paste0() function

paste0("You", "only", "live", "once")

## [1] "Youonlyliveonce"