

String Manipulations III

str_split()

str_split() - splits a string based on a specified pattern

```
cool_sentence = c("I am the coolest person in the world born in 1988. I have 403 cool cars and even 1047 cooler bikes. My cool outshines all the cool.")
str_split(string = cool_sentence, pattern = '\\\\.')
## [1] "I am the coolest person in the world born in 1988. I have 403 cool cars and even 1047 cooler bikes. My cool outshines all the cool."
```

str_order()

str_order() - order or sort a character vector.

```
names_people = c('James','Alice','Zane','Brett')

(np_order_dec = str_order(x = names_people, decreasing = TRUE))
## [1] 3 1 4 2

(np_order_inc = str_order(x = names_people, decreasing = FALSE))
## [1] 2 4 1 3

names_people[np_order_dec]
## [1] "Zane" "James" "Brett" "Alice"

names_people[np_order_inc]
## [1] "Alice" "Brett" "James" "Zane"
```

str_to_title()

str_to_title() - capitalizes first letter in each word

```
cool_sentence = c("I am the coolest person in the world born in 1988. I have 403 cool cars and even 1047 cooler bikes. My cool outshines all the cool.")
str_to_title(string = cool_sentence)
## [1] "I Am The Coolest Person In The World Born In 1988. I Have 403 Cool Cars And Even 1047 Cooler Bikes. My Cool Outshines All The Cool."
```

Question String Manipulation III

Within the mtcars dataframe, make the rownames a column. Name the column an appropriate name. Using the *str_to_lower* function, make all the words in the car names variable lowercase. Keep the variable name the same. Save the dataframe with an appropriate name.