

# R-egex Assignment

## Project Info

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DSanchoKruppa on GitHub

<https://github.com/DSanchoKruppa/R-egexAssignment>

This project demonstrates some dplyr and regex functionality using the “measurements.csv” file created for the week 1 assignment. It first shortens organism genus names to their first initial, then creates a new data.frame with the original organism column replaced and finally writes it to a .csv.

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## Set up

```
library(tidyverse)
MData <- read.csv("measurements.csv")
```

## dplyr and regex

```
# finds and replaces the first word in each organism name and replaces it with
# its first letter
MData <- MData %>%
  mutate(Sp = sub("(\\w)\\w+", "\\1.", Organism))

# creates a new dataframe with newly-created Sp replacing Organism as the first
# column
newData <- MData %>%
  select(Sp, Limb.width, Limb.length, Observer)

# Writing the new dataframe to a .csv
write.csv(newData, "./MeasShort.csv")
```