

Assignment 4 - Regex

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Project Info

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GitHub Link: “<https://github.com/bloopyploop/BIOL432.git>”

1. Loading Packages

```
library(dplyr)
```

```
##
## Attaching package: 'dplyr'
```

```
## The following objects are masked from 'package:stats':
##
##     filter, lag
```

```
## The following objects are masked from 'package:base':
##
##     intersect, setdiff, setequal, union
```

2. Wrangling Data

```
MData <- read.csv("~/Desktop/Uni/Winter 2021/Biol 432/BIOL432/A4/measurements.csv") %>% # Importing .csv file
  mutate(Sp = sub("(\\w)(\\w+)", "\\1\\.", Organism), Organism = NULL, .before = Limb.width) #Shortening genus name, removing Organism column, moving Sp column to where Organism column was
```

MData

```
##           Sp Limb.width Limb.length  Observer
## 1      I. scapularis      0.01      0.20 Victoria X
## 2        H. sapiens      3.28     38.00      Hans P
## 3        H. amphibius     68.09    112.54    Ashley A
## 4  G. camelopardalis     29.13     88.41     Bobby B
## 5        S. domesticus     16.92     29.37     Cedric C
## 6        C. hoffmani     11.81     61.90     Darren D
## 7        P. cinereus       5.09     21.02     Elijah E
## 8        U. maritimus     14.05    100.91     Fatima F
## 9         E. lutris       4.77     14.08    Georgia G
## 10       C. lupus       36.17    104.20      Juice J
```

3. Saving New Dataset

```
write.csv(MData, file.path("~/Desktop/Uni/Winter 2021/Biol 432/BIOL432/", "MeasShort.csv"), row.names = F)
```