Exercise_5.2_RamirezKyleRM

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{r setup, include=FALSE} knitr::opts_chunk$set(echo = TRUE)
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#downloading data from a article called “Effects of Vegetation Structure on the location of lion kill sites in african thicket” download.file(“https://doi.org/10.1371/journal.pone.0149098.s002”,“df.csv”)

#setting data frame df <- read.csv(“df.csv”, stringsAsFactors = FALSE)

#Looking for variabilities in the data set. unique(df$Prey.species)

#loading dplyr library(dplyr)

#Removing the unknowns and blanks from the data set df1 <- filter(df, Prey.species != “Unknown” & nchar(Prey.species) > 0) %>%

#changing the prey species to lower case mutate(prey.species = tolower(prey.species)) %>%

#Finding out the number of species that each lion killed group_by(Lion.ID, Prey.species) %>% summarise(nb_killed = sum(State..kill..1..or.non.kill..0..)) %>%

#Sorting results by the highest number to lowest number of kills arrange(desc(nb_killed)) %>%

#renaming the categories select(Lion = Lion.ID, Prey = prey.species, nb_killed)