Hughs project

Statistical coding group

21/08/2019

library(ggplot2)  
library(tidyverse)

## -- Attaching packages ---------------------------------------- tidyverse 1.2.1 --

## v tibble 2.1.3 v purrr 0.3.2  
## v tidyr 0.8.3 v dplyr 0.8.3  
## v readr 1.3.1 v stringr 1.4.0  
## v tibble 2.1.3 v forcats 0.4.0

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

library(DT)  
library(plotly)

##   
## Attaching package: 'plotly'

## The following object is masked from 'package:ggplot2':  
##   
## last\_plot

## The following object is masked from 'package:stats':  
##   
## filter

## The following object is masked from 'package:graphics':  
##   
## layout

## Data import

dat <- read\_csv("./data/tracking\_master\_20190708.csv")

## Parsed with column specification:  
## cols(  
## date = col\_character(),  
## pass = col\_character(),  
## tag = col\_double(),  
## lon = col\_double(),  
## lat = col\_double(),  
## depth = col\_character(),  
## flow = col\_double(),  
## br = col\_double(),  
## b = col\_double(),  
## c = col\_double(),  
## p = col\_double(),  
## g = col\_double(),  
## s = col\_double(),  
## silt = col\_double(),  
## rip = col\_double(),  
## aqu = col\_double(),  
## und = col\_double(),  
## leaf = col\_double(),  
## comment = col\_character()  
## )