DMJN328

Graph Assignment

RStudio Working Directory

df <- read.csv("graph\_data.csv", stringsAsFactors=F)

?read\_csv

head(df)

gather

View(df2)

library(tidyverse)

df %>%

gather(key="date", value="crossing",2:6) ->df2

glimpse(df2)

#getting date right

library(lubridate)

?paste

df2$date <-paste("01.",df2$date, sep="")

str(df2)

dmy(df2$date)

df2$date<-dmy(df2$date)

str(df2)

df2 %>%

mutate(crossing=as.numeric(str\_replace\_all(crossing, ",", ""))) %>%

filter(Trip.characteristics!="Total vehicles entering Canada") ->df3

glimpse(df3)

view(df3)

str(df3)

library(ggthemes)

library(ggplot2)

ggplot(data=df3) +

geom\_point(mapping=aes(x=date, y=crossing)) +

geom\_abline(intercept=1, col="purple")

geom\_segment(

aes(x=0,

))

ggplot(df3,

aes(x=date, y=crossing, color=crossing)) +

geom\_point() +

theme()+

labs(title='People Entering Canada by Car',

subtitle='Over a 5 month Period')