Assignment #1

R version 3.5.1 (2018-07-02) -- "Feather Spray"

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Platform: x86\_64-apple-darwin15.6.0 (64-bit)

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Natural language support but running in an English locale

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Type 'q()' to quit R.

> x<-c(5,10,15,20,25,30)

> y<-c(-1,NA, 75,3,5,8)

> z<-c(5)

> #Multiply first two vectors by z

> x\*z

[1] 25 50 75 100 125 150

> y\*z

[1] -5 NA 375 15 25 40

> #Store new objects

> Object1<-(x\*z)

> Object2<-(y\*z)

> #Print vectors

> print(Object1)

[1] 25 50 75 100 125 150

> print(Object2)

[1] -5 NA 375 15 25 40

> #Replacing missing value

> y<-ifelse(is.na(y), 2.5, y)

> library(readr)

> prb<-read\_csv("https://raw.githubusercontent.com/mattdemography/EDU\_7043/master/Data/Assignment\_1.csv" )

Parsed with column specification:

cols(

State = col\_character(),

Vcrime = col\_integer(),

Murder = col\_double(),

PctMetro = col\_double(),

PctWhite = col\_double(),

PctHSGrad = col\_double(),

PovRate = col\_double(),

PctSingPrt = col\_double()

)

> #Load dataset

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Error: unexpected symbol in "library(readr)prb"

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> library(readr)

> Assignment\_1 <- read\_csv("https://raw.githubusercontent.com/mattdemography/EDU\_7043/master/Data/Assignment\_1.csv ")

Parsed with column specification:

cols(

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Vcrime = col\_integer(),

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)

> View(Assignment\_1)

> #Print state abbreviations

> head (state.abb,n=10)

[1] "AL" "AK" "AZ" "AR" "CA" "CO" "CT" "DE" "FL" "GA"

> mean (Assignment\_1$Murder)

[1] 8.727451

> #Median of murder

> median (Assignment\_1$Murder)

[1] 6.8

> #Mean of NE murder

> Assignment\_1$Murder<-apply(Assignment\_1, 29, mean)

Error in if (d2 == 0L) { : missing value where TRUE/FALSE needed

> #Mean of NE murder

> mean (Assignment\_1$Murder, 29)

[1] 6.8

> #Mean of NE murder

> mean (Assignment\_1$Murder, [NE])

Error: unexpected '[' in "mean (Assignment\_1$Murder, ["

> #Mean of NE murder

> NewEngland<-subset(Assignment\_1, State== "CT"|State== "NH"|State== "ME"|State=="MA"|State== "RI"|State=="VT"

+ #Mean of NE murder

+ NewEngland<-subset(Assignment\_1, State== "CT"|State== "NH"|State== "ME"|State=="MA"|State== "RI"|State=="VT")

Error: unexpected symbol in:

"#Mean of NE murder

NewEngland"

> #Mean of NE murder

> NewEngland<-subset(Assignment\_1, State== "CT"|State== "NH"|State== "ME"|State=="MA"|State== "RI"|State=="VT")

> mean(NewEngland$Murder)

[1] 3.55

> #Bonus

> mean(Assignment\_1$Vcrime, na.rm= TRUE)

[1] 618.32

> write.csv(Novoa\_Sydney\_Assignment\_#1.docx, file= "Novoa\_Sydney\_Assignment\_#1.csv")

+ write.csv(NewEngland,"~/Destop/NewEngland.csv")

Error: unexpected symbol in:

"write.csv(Novoa\_Sydney\_Assignment\_#1.docx, file= "Novoa\_Sydney\_Assignment\_#1.csv")

write.csv"

> write.csv(NewEngland,"~/Destop/NewEngland.csv")

Error in file(file, ifelse(append, "a", "w")) :

cannot open the connection

In addition: Warning message:

In file(file, ifelse(append, "a", "w")) :

cannot open file '/Users/sydney/Destop/NewEngland.csv': No such file or directory

> write.csv(Novoa\_Sydney\_Assignment\_#1.docx, Novoa\_Sydney\_Assignment\_#1.csv")

+ View(NewEngland)

Error: unexpected symbol in:

"write.csv(Novoa\_Sydney\_Assignment\_#1.docx, Novoa\_Sydney\_Assignment\_#1.csv")

View"