Graphical user interface, website

Description automatically generated**R Code for Examples in the book**

***“Statistics: The Art and Science of Learning from Data”***

**by Agresti, Franklin and Klingenberg, 5th edition**

**Chapter 1**

**Example 5: Google Analytics – Data Files**

## Loading a .csv data file from your hard drive into R

## Create the data file as shown in Example 5 with Excel. Save the file as a .csv file and name it “GoogleAnalyticsExample5.csv”

## For instance, the GoogleAnalytics file sits at the following address, which I enter into R:

mypath <- file.choose()

## Now R knows the location of your file:

mypath

## [1] "C:\\ASS\\Git\\data\\Chapter1\\GoogleAnalyticsExample5.csv"

## The read.csv() command reads in .csv files:

dataEx5 <- read.csv(mypath)

## We can now view the file:

dataEx5

## Visitor Country Browser Device Minutes Age Gender  
## 1 1 US Safari mobile 6 28 female  
## 2 2 Brazil Chrome desktop 2 38 female  
## 3 3 US Chrome mobile 8 16 non-binary

## Loading a .csv data file from the internet

## Create the data file as shown in Example 5 with Excel. Save the file in some cloud-based service on the internet. I saved it on Gitub (see www.github.com)

## If you have a .csv file sitting on the internet, and you know its url (web address), you can grab it from there. For instance, the GoogleAnalytics file sits at the following address, which I enter into R:

myurl <- 'https://raw.githubusercontent.com/artofstat/data/master/Chapter1/GoogleAnalyticsExample5.csv'

# I can now load the data into R as before, using read.csv():

dataEx5.remote <- read.csv(myurl)  
dataEx5.remote

## Visitor Country Browser Device Minutes Age Gender  
## 1 1 US Safari mobile 6 28 female  
## 2 2 Brazil Chrome desktop 2 38 female  
## 3 3 US Chrome mobile 8 16 non-binary