**1. Read multiple JSON files into a directory to convert into a dataset.**

**I have files text1, text2, text3 in the directory JSON.**

**Solution:**

setwd(“users/desktop/json”)

library(rjson)

filenames <- list.files(pattern = text\*.json, full.names=TRUE)

final\_js<- data.frame(js1,js2,js3)

print(final\_js)

**2. Parse the following JSON into a data frame.**

**js<-'{**

**"name": null, "release\_date\_local": null, "title": "3 (2011)",**

**"opening\_weekend\_take": 1234, "year": 2011,**

**"release\_date\_wide": "2011-09-16", "gross": 59954**

**}'**

**Solution:**

dfMyJson <- jsonlite::fromJSON(“js”, simplifyDataFrame = T)

head (dfMyJson)

name release\_date\_local title open\_weekend\_take year release\_date\_wide gross

3(2001) 1234 2011 2011-09-16 59954

**3. Write a script for Variable Binning using R.**

**Solution**

Discretizes all numerical data in a data frame into categorical bins of equal length or content or based on automatically determined clusters.

Two methods are : 1. Equal width 2.Equal Frequency

?cut

mpg<-mtcars$mpg

mpg

cut(mpg,5)

cut(mpg,5,labels = c("First","Second","Third","Fourth","Fifth"))

mtcars$bins<- cut(mpg,5,labels = c("First","Second","Third","Fourth","Fifth"))

mtcars