# Assignment (2.2) 10- Dec 2017

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

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

**Sol: -** library(jsonlite)

library(dplyr)

ls <- list("C:\\users\\acer\\Desktop\\Data Analytics\\Assignments\\JSON\\text1.json",

"C:\\users\\acer\\Desktop\\Data Analytics\\Assignments\\JSON\\text2.json",

"C:\\Users\\acer\\Desktop\\Data Analytics\\Assignments\\JSON\\text3.json")

for (i in ls){

z <- data.frame()

  a <- read\_json(i, simplifyVector = TRUE)

  z <- cbind(z,a)

}

View(a)

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

}'

**Sol: -** library(jsonlite)

json <- '[

{"name" : NULL,

"release\_date\_local" : NULL,

"title" : 3(2011),

"opening\_weekend\_take" : 1234,

"year" : 2011,

"release\_date\_wide" : [2011-09-16],

"gross" : 59954

}

]'

mydf <- fromJSON(json, simplifyVector = TRUE, simplifyDataFrame = simplifyVector)

mydf

3. Write a script for Variable Binning using R.

**Sol: -** bin <- c(1:100)

bin

binning <- function(x)

{

  for(i in c(1:100))

    {

    ifelse(i <= 25, paste(i,"group1"),

      ifelse(i <= 50, paste(i,"group2"),

        ifelse(i <= 75, paste(i,"group3"),

          paste(i,"group4"))))

    break

  }

}

binning(bin)