**Session 2 – Introduction to**

**Working with R**

**Assignment – 2**

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

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

library(jsonlite)

library(dplyr)

ls <- list("D:\\Data Analytics \\Assignment1\\JSON\\text1.json",

"D:\\Data Analytics \\Assignment1\\JSON\\text2.json",

"D:\\Data Analytics \\Assignment1\\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**

**}'**

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

**mydf**

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

**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)**