Assignment 2.2

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(rjason)

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

myjsonfiles <- lapply(filenames, funtction(x) fromJSON(file=x))

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:

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.

The 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