**Assignment 2.2/Shalini Raghaviah**

1. Read multiple JSON files into a directory to convert into a dataset. I have files text1,text2, text 3 in the directory JSON

>library(json)

>filenames<-list.files(pattern=”\*.json”)

To import all the JSON files into R as a dataframe, we use

myJSON<-lapply (filenames,function(x) from JSON(file=x)

#provides a list where each element is one of the JSON files.

1. Parse the following:

Js<-{name:null,”release\_date\_local”:null”title”:3(2011)”,

opening\_weekend\_take:1234,”year”:2011,”release\_date\_wide”:”2011-09-16”,gross”:59954}’

>library(‘rjason’)

>result<-fromJSON(file=”input.JSON”)

>print(result)

>json\_data\_frame<-as.data.frame(result)

>print(json\_data\_frame)

1. Write a script for Variable Binning using R

dataset<-c(3,5,8,9,12,16,18,22)

data.frame(dataset,bin=cut(dataset,c(5,12,22),include.lowest = TRUE))

|  |
| --- |
| dataset bin  1 3 <NA>  2 5 [5,12]  3 8 [5,12]  4 9 [5,12]  5 12 [5,12]  6 16 (12,22]  7 18 (12,22]  8 22 (12,22] |
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