**Assignment 1.4**

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

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

Answer:

install.packages(“rjson”)

Library(“rjson”)

read the json file as follows:

result <- fromJSON (file = “file.json”)

We can convert the extracted data above to a R data frame for further analysis using the **as.data.frame()** function.

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

2. Parse the following JSON into a data frame.

Answer:

js<-'{

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

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

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

}'

3. Write a script for Variable Binning using R.

Answer:

When we need to convert the continuous data into the categorical data, the process is called the Variable Binning.

Eg:

Age is a continuous variable,

10,15,20,25,20,23,25

We can categorise like,

10-15 -> T

15-20 -> Y

20-25 -> Z

Ifelse( x>=10 & x<15, “T”, ifelse ( x>=15 & x<20, “Y”), ifelse( x>=20 & x<25, “Z”)))