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

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

Answer: setwd("D:/R Studio/Data/Json file")

library("rjson")

temp <- list.files("D:/R Studio/Data/Json file", pattern = "\*.json", full.names = TRUE);

movies <- purrr::map\_df(temp, function(x) { purrr::map(jsonlite::fromJSON(x), function(y)

ifelse(is.null(y), NA, y)) })

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}'

Answer: library(rjson)

js<-'{"name": null, "release\_date\_local": null, "title": "3 (2011)",

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

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

js <- fromJSON(js)

do.call("rbind", js)

Output is

[,1]

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: mydata = data.frame(spend=c(21,32,34,43,36,39,33,47,47,47,25,50,44,44) ,

count=c(3L,1L,2L,15L,1L,8L,1L,11L,15L,11L,3L,12L,11L,4L) )

mydata$bucket = ceiling(mydata$count/5

Output is

> mydata

spend count bucket

1 21 3 1

2 32 1 1

3 34 2 1

4 43 15 3

5 36 1 1

6 39 8 2

7 33 1 1

8 47 11 3

9 47 15 3

10 47 11 3

11 25 3 1

12 50 12 3

13 44 11 3

14 44 4 1