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

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

Ans:

temp = list.files(pattern="text\*.")

myfiles = lapply(temp, read.delim)

library("rjson")

json\_file <- "myfiles"

library(jsonlite)

out <- jsonlite::fromJSON(json\_file)

out[vapply(out, is.null, logical(1))] <- "none"

data.frame(out, stringsAsFactors = FALSE)[,1:5]

View(out)

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

}'

Ans:

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| --- |
| > 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 = lapply(js, function(x) {  + x[sapply(x, is.null)] <- NA  + unlist(x)  + })  > asDataFrame = do.call("rbind", lapply(js, as.data.frame))  > asDataFrame  X[[i]]  1 [{"name": null, "release\_date\_local": null, "title": "3 (2011)",\n"opening\_weekend\_take": 1234, "year": 2011,\n"release\_date\_wide": "2011-09-16", "gross": 59954}] |
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|  |

3. Write a script for Variable Binning using R.

Ans:

bin(data, nbins = 5, labels = NULL, method = c("length", "content",

"clusters"), na.omit = TRUE)