



DATA ANALYTICS WITH R, EXCEL AND TABLEAU

Assignment 2.2

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1. Read multiple json files into a working directory for further converting into a dataset.

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

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:-

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:

```
# example of 1-d use  
x <- rnorm(1000)  
xb <- binning(x)  
xb <- binning(x,breaks=seq(-4,4,by=0.5))  
# example of 2-d use  
x <- rnorm(1000)  
y <- 2*x + 0.5*rnorm(1000)  
x <- cbind(x, y)  
xb<- binning(x, nbins=12)  
  
-----XXX-----
```