ACADGILD

SESSION 1: INTRODUCTION

Assignment Solution 1

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1. Problem Statement

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
}'
```

3. Write a script for variable binning using R.

2. Solution

1. library(jsonlite)
library(dplyr)

ls <- list("E:\\munmun_acadgild\\acadgild data analytics\\b3\\ASSIGNMENT\\B3 ASSIGNMENT\\json\
\text1.json",
       "E:\\munmun_acadgild\\acadgild data analytics\\b3\\ASSIGNMENT\\B3 ASSIGNMENT\\json\
\text2.json",
       "E:\\munmun_acadgild\\acadgild data analytics\\b3\\ASSIGNMENT\\B3 ASSIGNMENT\\json\
\text3.json")
for (i in ls){
 a[i] <- read_json(i, simplifyVector = TRUE)
 z[i] <- data.frame(i,row.names = NULL, check.rows = FALSE,
          check.names = TRUE, fix.empty.names = TRUE,
          stringsAsFactors = default.stringsAsFactors())

 z[i] <- cbind(z[i],a[i])
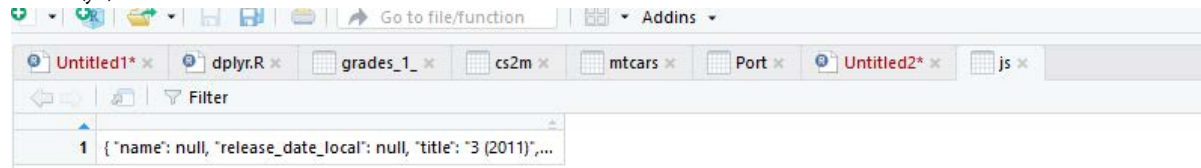}
View(a)
View(z)
2.js<-'\{"name": null, "release_date_local": null, "title": "3 (2011)", "opening_weekend_take": 1234, "year": 2011,
"release_date_wide": "2011-09-16", "gross": 59954
}'
View(js)

3. x <- rnorm(1000)
y <- 2*x + 0.5*rnorm(1000)
x <- cbind(x, y)
xb<- binning(x, nbins=12)