

ACADGILD

SESSION 1: INTRODUCTION

Assignment Solution 1

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GURU PRASAILY SOLUTION -

1. Problem Statement

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

Solution Curu. Prasatil

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\b] \\
\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] \leftarrow 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)
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 O Untitled1* x O dplyr.R x grades_1_ x cs2m x mtcars x Port x O Untitled2* x js x
                 Guru Prasall
Guru Prasall
Solution
     1 { "name": null, "release_date_local": null, "title": "3 (2011)",...
 3. x < -rnorm(1000)
 y < -2^*x + 0.5^*rnorm(1000)
 x \leftarrow cbind(x, y)
 xb < -binning(x, nbins=12)
```