

Assignment 2.2

Answer:

5.1)

Load this rjson package to read the JSON files
library(rjson)

```
js1<- fromJSON(file = "text1.json")
js1
js2<- fromJSON(file = "text2.json")
js2
js3<- fromJSON(file = "text3.json")
js3
```

```
final_js<- data.frame(js1,js2,js3)
print(final_js)
```

5.2)

we are given this

```
js<-'{
"name": null, "release_date_local": null, "title": "3 (2011)",
"opening_weekend_take": 1234, "year": 2011,
"release_date_wide": "2011-09-16", "gross": 59954
}'
js4<- fromJSON(js.json)
js4
```

& now we will use the function as.data.frame() to convert it into R data frame

```
js<- data.frame(js4)
js
```

chk

```
js<- as.data.frame(js4)
js
```

5.3)

Binning refers to dividing a list of continuous variables into groups. It is done to discover set of patterns in continuous variables, which are difficult to analyze otherwise.

we use cs2m dataset..and do binning on "BP" variable

```
k<-read.csv("D:/acadgild.csv")
str(k)
summary(k$BP)
using within() function

l=k
summary(l)
View(l)

l<- within(l,{
  BPCat<- NA
  BPCat[BP>=95 & BP<=120] <- "ideal BP"
  BPCat[BP>=121 & BP<=140] <- "pre-high BP"
  BPCat[BP>=141] <- "high BP"
})
head(l)
tail(l)
l
```