**Assignment 2.2**

* Problem Statement

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

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

library(rjson)

filenames <- list.files(pattern="\*.json", full.names=TRUE)

myJSON <- lapply(filenames, function(x) fromJSON(file=x))

print(myJSON)

1. 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

}'

library(rjson)

result = fromJSON(file = "Parsing JSON into DF.json")

rjson\_df <- as.data.frame(result)

print(rjson\_df)

1. Write a script for Variable Binning using R.

# set up boundaries for intervals/bins

breaks <- c(0,2,5,8,10,13,15,19,21)

# specify interval/bin labels

labels <- c("<2", "2-5)", "5-8)", "8-10)", "10-13)", "13-15)", "15-19)", ">=19")

# bucketing data points into bins

bins <- cut(x, breaks, include.lowest = T, right=FALSE, labels=labels)

# inspect bins

summary(bins)