

Session 2 – Introduction to Working with R

Assignment - 2



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**Introduction**



This assignment will help you to understand the key concepts learnt in this session.

**Objective**



This assignment will test your skills on the basics of R.

**Prerequisites**



Not Applicable

**Associated Data Files**



Not Applicable

**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.

Ans:

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

}'

**Ans**:

**library(rjson)**

**data.frame(t(unlist(fromJSON(js))))**

**title opening\_weekend\_take year release\_date\_wide gross**

**3 (2011) 1234 2011 2011-09-16 59954**

3. Write a script for Variable Binning using R.

**Ans**:

**data <- iris**

**str(data)**

**str(bin(data))**

**str(bin(data, nbins = 3))**

**str(bin(data, nbins = 3, labels = c("small", "medium", "large")))**

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**Expected Output**



Not Applicable

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