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| **Problem** | **Solutions** |
| 1. Read multiple JSON files into a directory to convert into a dataset.  I have files text1, text2, text3 in the directory JSON. | **Read the JSON File**  The JSON file is read by R using the function from **JSON()**. It is stored as a list in R.  # Load the package required to read JSON files.  library("rjson")  # Give the input file name to the function.  result <- fromJSON(file = "input.json")  # Print the result.  print(result)  When we execute the above code, it produces the following result −  $ID  [1] "1" "2" "3" "4" "5" "6" "7" "8"  $Name  [1] "Rick" "Dan" "Michelle" "Ryan" "Gary" "Nina" "Simon" "Guru"  $Salary  [1] "623.3" "515.2" "611" "729" "843.25" "578" "632.8" "722.5"  $StartDate  [1] "1/1/2012" "9/23/2013" "11/15/2014" "5/11/2014" "3/27/2015" "5/21/2013"  "7/30/2013" "6/17/2014"  $Dept  [1] "IT" "Operations" "IT" "HR" "Finance" "IT"  "Operations" "Finance"  **Convert JSON to a Data Frame**  We can convert the extracted data above to a R data frame for further analysis using the **as.data.frame()** function.  # Load the package required to read JSON files.  library("rjson")  # Give the input file name to the function.  result <- fromJSON(file = "input.json")  # Convert JSON file to a data frame.  json\_data\_frame <- as.data.frame(result)  print(json\_data\_frame)  When we execute the above code, it produces the following result −  id, name, salary, start\_date, dept  1 1 Rick 623.30 2012-01-01 IT  2 2 Dan 515.20 2013-09-23 Operations  3 3 Michelle 611.00 2014-11-15 IT  4 4 Ryan 729.00 2014-05-11 HR  5 NA Gary 843.25 2015-03-27 Finance  6 6 Nina 578.00 2013-05-21 IT  7 7 Simon 632.80 2013-07-30 Operations  8 8 Guru 722.50 2014-06-17 Finance |
| 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. |  |