

wk2 assignment

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Load the data of survey

The data is in excel sheet and the data is to be loaded from the sheet.

```
data <- read.csv("https://raw.githubusercontent.com/jewelercart/Data606_2023/main/Movie_Ratings%20.csv")
data
```

```
##      Movies Star.wars Enter.the.Dragon Batman SpiderMan Superman
## 1  Melissa      5           3      4           3      5
## 2   Rahul      4           4      5           3      4
## 3   Bobby      4           3      4           5      5
## 4 Muhammad      5           4      3           5      3
## 5  Dr. Liu      4           5      4           5      4
```

Saving data to MySql

```
database_name = 'student_records'
user_name = 'jewelercart'
password = "567juhmm_"
```

```
#install.packages("RMySQL")
library(RMySQL)
```

```
## Loading required package: DBI
```

```
con <- dbConnect(RMySQL::MySQL(), host = "localhost", dbname = database_name, user = user_name, password = password)
dbSendQuery(con, "SET GLOBAL local_infile = true;")
```

```
## <MySQLResult:0,0,0>
```

```
dbWriteTable(con, "Movie_Ratings", data, overwrite = TRUE)
```

```
## [1] TRUE
```

```
dbDisconnect(con)
```

```
## [1] TRUE
```

Getting data from database from server running on local host.

```
con <- dbConnect(RMySQL::MySQL(), host = "localhost", dbname = database_name, user = user_name, password = password)
df=dbReadTable(con, 'Movie_Ratings')
dbDisconnect(con)
```

```
## [1] TRUE
```

```
df
```

```
##      Movies Star.wars Enter.the.Dragon Batman SpiderMan Superman
## 1  Melissa          5              3      4          3          5
## 2    Rahul          4              4      5          3          4
## 3    Bobby          4              3      4          5          5
## 4 Muhammad          5              4      3          5          3
## 5  Dr. Liu          4              5      4          5          4
```

Saving data on a server and retrieving data from a server is something that every data scientist do in his career.

In this assignment, the practice of handling data to and fro a server was achieved. However, the server was running on local host. But the same procedure might be followed to get data from a remote server.