

R-MySQL

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DATA 607 Assignment R MySQL

Solution with R MySQL direct connection.

link to all files at Github

[Github repository](#)

Load RMySQL

```
library(RMySQL)
```

```
## Warning: package 'RMySQL' was built under R version 3.2.5
```

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

```
## Warning: package 'DBI' was built under R version 3.2.5
```

MySQL connection

```
rmysql.settingsfile<-"C:/ProgramData/MySQL/MySQL Server 5.7/my.ini"  
con <- dbConnect(RMySQL::MySQL(), default.file=rmysql.settingsfile, dbname = "sql_r", username=NULL, password=NULL)
```

Read the database to a data frame.

```
df<- dbReadTable(conn = con, name = 'tbl_movie')
```

```
## Warning in .local(conn, statement, ...): Decimal MySQL column 2 imported as  
## numeric
```

Check de data frame.

```
str(df)
```

```
## 'data.frame':    5 obs. of  8 variables:  
## $ movie_id      : int  1 2 3 4 5  
## $ movie_title   : chr  "Suicide Squad" "Me Before You" "Bad Moms" "Batman v Superman: Dawn of Justice"  
## $ length        : num  123 110 100 151 141  
## $ rev_rating_1  : int   NA 5 4 3 5  
## $ rev_rating_2  : int    4 4 3 4 5  
## $ rev_rating_3  : int   NA 5 3 4 NA  
## $ rev_rating_4  : int    4 5 4 3 NA  
## $ rev_rating_5  : int    3 5 4 5 5
```

Close connection

```
dbDisconnect(con)
```

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