

# 통계데이터베이스 - RMySQL, sqldf 사용법

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## 학습목표

- R 패키지 RMySQL를 이용하여 MySQL Data Base에 접속한다.
- R 패키지 sqldf를 이용한 다양한 데이터프레임 핸들링을 할 수 있다.

# RMySQL

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

```
## [1] "member"
```

```
library(RMySQL)
con <- dbConnect(dbDriver("MySQL"), host="localhost", dbname="member")
dbListTables(con)
```

# RMySQL

- dbGetQuery

```
dbListTables(con)
```

```
## [1] "member"
```

```
mem <- dbGetQuery(con, "SELECT * FROM member limit 10")
```

```
mem
```

```
##      no      id      ps name      email      phone
## 1  1  konkuk  1111  ???  acast@paran.com 032-572-4268
## 2  2  creatgun 8133  ??  creatgun@naver.com 062-220-3272
## 3  3  sos0830  molla21  ???  makefast@naver.com 01023343835
## 4  4  kurtjimjoe k1u2r3t0  ???  kurtjim@daum.net 0102225555
## 5  5      qwe      qwe  kim      qwe@qew.com      123123
## 6  6  ksleemd  don1247  ???  ksleemd@gmail.com 01020872291
## 7  7  karjensia zkwps0409  ???  karjensia@gmail.com 36053637
##      regdate      ip
## 1 2012-06-18 203.252.179.38
```

# sqldf

## install and loading

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

```
## Loading required package: gsubfn
```

```
## Loading required package: proto
```

```
## Warning in fun(libname, pkgname): couldn't connect to display ":
```

```
## Loading required package: RSQLite
```

```
##
```

```
## Attaching package: 'RSQLite'
```

```
## The following objects are masked from 'package:RMySQL':
```

```
##
```

```
##      dbBuildTableDefinition, isIdCurrent
```