

Assignment : DA

Topic:-

Write program that interact with weather database. Find the day and the station with maximum snowfall in 2013

Theory:-

RSQL is easiest way to use a database from R because the package itself contain SQL no external software is needed. This vignette will walk you through the basic of using SQL database.

RSQL is DBI compatible interface which mean you primarily use function defined in DBI package. So you should always start Loading DBI not RSQL.

creating a new database:-

To create new SQL database simply supply filename to dbconnect()

```
mydb <- dbconnect(RSQL !! SQL,
                  "my-db.sql")
```

```
dbDisconnect(mydb)
```


`unlink ("my-ab-sqlik")`

`dbSendQuery()`:-

- ① The `dbSendQuery()` method only submits and synchronously executes the SQL query to database engine.
- ② `dbSendQuery()` return an `SQL` object that inherits from `DBIResult`. The result set can be used with `dbFetch()` to extract records.
- ③ Once you have finished make sure to clear it with `dbClearResult()`.

Conclusion:-

Thus we have successfully completed program that interact with weather database and find day and station with maximum snow flow 2073.