

-- This works well to load .sql from the command line

```
mysql -u root -p <re_number_mysql_book.sql strings
```

```
load data local infile '/home/tony/Desktop/2013Mini.csv' into table
Reading_Table FIELDS TERMINATED BY ',' ENCLOSED BY '"' LINES TERMINATED BY
'\n';
```

```
LOAD DATA LOCAL INFILE '/tmp/abc.csv or .txt' INTO TABLE abc
```

```
LOAD DATA LOCAL INFILE "text.txt" INTO TABLE mytable;
```

```
LOAD DATA INFILE 'data.txt' INTO TABLE db2.my_table;
```

```
alter table images rename column img to Ordered_Images;
```

```
LOAD DATA LOCAL INFILE
```

```
'/Users/jasonmayberry/Desktop/MySQL/Tool_for_creating_this_book/Ordered_Image
s.txt' INTO TABLE strings.images;
```

```
-- ERROR 1148 (42000): The used command is not allowed with this MySQL
version
```

-- You can specify that as an additional option when setting up your client connection:

-- mysql--local-infile=1 -u myuser -p somedatabase

```
LOAD DATA INFILE
```

```
'/Users/jasonmayberry/Desktop/MySQL/Tool_for_creating_this_book/Ordered_Image
s.txt' INTO TABLE images;
```

```
-- mysql> LOAD DATA INFILE
```

```
'/Users/jasonmayberry/Desktop/MySQL/Tool_for_creating_this_book/Ordered_Image
s.txt' INTO TABLE images;
```

```
-- ERROR 1290 (HY000): The MySQL server is running with the
--secure-file-priv option so it cannot execute this statement
```

```
SHOW VARIABLES LIKE "secure_file_priv";
```

```
and:
```

```
SELECT @@GLOBAL.secure_file_priv;
```

```
-- Ubuntu 16.04 (EASY): Find out where you are allowed to write
```

```
-- mysql> SELECT @@GLOBAL.secure_file_priv;
```

```
-- +-----+
-- | @@GLOBAL.secure_file_priv |
-- +-----+
-- | /var/lib/mysql-files/      |
-- +-----+
-- 1 row in set (0.00 sec)
```

```
-- Then, just write there
-- mysql> SELECT * FROM train INTO OUTFILE '/var/lib/mysql-files/test.csv'
FIELDS TERMINATED BY ',';
-- Query OK, 992931 rows affected (1.65 sec)
```

I finally got this to work:

```
-- MacBook-Pro:~ jasonmayberry$ mysql --local-infile=1 -u root -p
-- Enter password:
-- Welcome to the MySQL monitor.  Commands end with ; or \g.
-- Your MySQL connection id is 12
-- Server version: 8.0.12 MySQL Community Server - GPL

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reserved.

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-- affiliates. Other names may be trademarks of their respective
-- owners.

-- Type 'help;' or '\h' for help. Type '\c' to clear the current input
statement.

-- mysql> LOAD DATA LOCAL INFILE
'/Users/jasonmayberry/Desktop/MySQL/Tool_for_creating_this_book/Ordered_Image
s.txt' INTO TABLE strings.images;
-- ERROR 1148 (42000): The used command is not allowed with this MySQL
version

-- mysql> show global variables like "local_infile";
-- +-----+-----+
-- | Variable_name | Value |
-- +-----+-----+
-- | local_infile  | OFF   |
-- +-----+-----+
-- 1 row in set (0.00 sec)

-- mysql> set global local_infile=ON ;
-- Query OK, 0 rows affected (0.00 sec)
```

```
-- mysql> show global variables like "local_infile";
-- +-----+-----+
-- | Variable_name | Value |
-- +-----+-----+
-- | local_infile  | ON    |
-- +-----+-----+
-- 1 row in set (0.00 sec)

-- mysql> LOAD DATA LOCAL INFILE
'/Users/jasonmayberry/Desktop/MySQL/Tool_for_creating_this_book/Ordered_Images.txt' INTO TABLE strings.images;
-- Query OK, 1540 rows affected (0.18 sec)
-- Records: 1540 Deleted: 0 Skipped: 0 Warnings: 0

-- mysql>
```

Moving ON

```
SELECT * FROM images LIMIT 10 INTO OUTFILE
'/Users/jasonmayberry/Desktop/foobar.txt';
-- ERROR 1290 (HY000): The MySQL server is running with the
--secure-file-priv option so it cannot execute this statement
```

```
-- mysql> SELECT @@GLOBAL.secure_file_priv;
-- +-----+
-- | @@GLOBAL.secure_file_priv |
-- +-----+
-- | NULL                      |
-- +-----+
-- 1 row in set (0.00 sec)
```

I HAD TO COPY THE .cnf FILE THAT I CREATED IN MY HOME DIR TO /etc/

The contents of ~/.my.cnf is as follows:

```
#####
| [mysqld_safe]                |
| [mysqld]                    |
| secure_file_priv="/Users/jasonmayberry/Desktop/" |
#####
```

-- mac OS X would not let me write to /etc/ any other way than the cp command in terminal.

```
sudo cp ~/.my.cnf /etc/my.cnf
```

```
-- mysql> SELECT @@GLOBAL.secure_file_priv;
-- +-----+
-- | @@GLOBAL.secure_file_priv      |
-- +-----+
-- | /Users/jasonmayberry/Desktop/  |
-- +-----+
-- 1 row in set (0.00 sec)

-- mysql> select * from images limit 10 into local outfile
'/Users/jasonmayberry/Desktop/foobar.txt';
-- ERROR 1064 (42000): You have an error in your SQL syntax; check the manual
that corresponds to your MySQL server version for the right syntax to use
near 'outfile '/Users/jasonmayberry/Desktop/foobar.txt'' at line 1
-- mysql> select * from images limit 10 into outfile
'/Users/jasonmayberry/Desktop/foobar.txt';
-- ERROR 1046 (3D000): No database selected
-- mysql> use strings
-- Reading table information for completion of table and column names
-- You can turn off this feature to get a quicker startup with -A

-- Database changed
-- mysql> select * from images limit 10 into outfile
'/Users/jasonmayberry/Desktop/foobar.txt';
-- ERROR 1 (HY000): Can't create/write to file
'/Users/jasonmayberry/Desktop/foobar.txt' (OS errno 13 - Permission denied)
-- mysql>
```

I am not going to give my Desktop folder full Read-Write Permission!

```
-- at this point I added a new folder to my ~ home_folder named homework with
finder.
-- I used right click and choose "Get Info", at the bottom of the get info
dialog
-- I gave the folder full Read-Write Permission for all three categories.
-- Then I Stopped the MySQL Server!
-- I opened Terminal and ran:
MacBook-Pro:~ jasonmayberry$ open -t .my.cnf
```

-- My file opened in the default text editor. Then I changed it as follows:
Contents of ~/.my.cnf was changed to:

```
#####  
| [mysqld_safe] |  
| [mysqld] |  
| secure_file_priv="/Users/jasonmayberry/homework/" |  
#####
```

-- mac OSX would not let me write to /etc/ any other way than the cp command
in terminal.

-- I then ran this copy command again overwriting the original:

```
sudo cp ~/.my.cnf /etc/my.cnf
```

-- after starting mysql I entered this:

```
mysql> SELECT @@GLOBAL.secure_file_priv;
```

```
-- +-----+  
-- | @@GLOBAL.secure_file_priv |  
-- +-----+  
-- | /Users/jasonmayberry/homework/ |  
-- +-----+  
-- 1 row in set (0.00 sec)
```

-- I ran my SELECT again and wala!

```
mysql> SELECT * FROM images LIMIT 10 INTO OUTFILE  
'/Users/jasonmayberry/homework/foobar.txt';  
-- Query OK, 10 rows affected (0.00 sec)
```

You may need to **Clear Screen** like this:

```
mysql> [option command L] keyboard Shortcut
```