

DEBUG - MYSQL IMPORT CSV DATA SET BUG RESOLUTION

METHODS USED

1. Import with UI

Create schema → rename it & Apply → right click newSchema.Tables → Table data import wizard → pick the file, create new table (as it's the new schema), drop if the table exist → configure import setting → importing

No read&write restriction on the csv file.

PROBLEM: ONLY 564 rows returned instead of 2362 rows.

2. CLI

ON SQL

– **CREATE TABLE:**

```
CREATE TABLE table_name (  
    Column1 VARCHAR(255),  
    Column2 VARCHAR(255),  
    Column3 DATE,  
    Column4 INT  
);
```

– **LAND CSV FILE:**

```
LOAD DATA INFILE '/user/the_file_to_load'  
INTO TABLE my_database.table_name  
FIELDS TERMINATED BY ','  
ENCLOSED BY ''''  
LINES TERMINATED BY '\n'  
IGNORE 1 ROWS;
```

ERROR

Encountered Error Code: 1290, The MySQL server is running with the --secure-file-priv option so it cannot execute this statement 0.0072 sec.

CHECK:

```
SHOW VARIABLES LIKE 'secure_file_priv';
```

```
+-----+-----+
| Variable_name | Value          |
+-----+-----+
| secure_file_priv | NULL          |
+-----+-----+
```

QUICK ALTERNATIVE CODE (with LOCAL):

```
LOAD DATA LOCAL INFILE '/user/the_file_to_load'
INTO TABLE my_database.table_name
FIELDS TERMINATED BY ','
ENCLOSED BY '"'
LINES TERMINATED BY '\n'
IGNORE 1 ROWS;
```

ERROR

Error Code: 3948. Loading local data is disabled; this must be enabled on both the client and server sides 0.0013 sec

TROUBLE SHOOT

LOCAL is **disabled** on setup — BUT both server **and** client need to allow it.

ENABLE LOCAL:

CHECK:

```
SHOW GLOBAL VARIABLES LIKE 'local_infile';
```

IF IT'S OFF

THEN EXECUTE:

```
SET GLOBAL local_infile = 1;
```

HOWEVER, after multiple tries on both mysql workbench and CLI, this local error was still coming up and never gets rid of it.

CHECK CLIENT SUPPORT:**ON BASH**

```
mysql --help | grep local-infile
```

If you see --local-infile=0/1, your client supports it

Mine was: local-infile FALSE

The local was not really on.

SOLUTION 1:

Enable via config file on bash

nano ~/Library/Application\ Support/MySQL/Workbench/workbench.conf

ADD:

enable_local_infile=1

AND SAVE & EXIT

Doesn't work for me

SOLUTION 2:

Use CLI with --local-infile=1

On bash

mysql --local-infile=1 -u your_user -p

And run:

```
LOAD DATA INFILE '/user/the_file_you_gonna_load'
INTO TABLE your_table_name
FIELDS TERMINATED BY ','
ENCLOSED BY '"'
LINES TERMINATED BY '\n'
IGNORE 1 ROWS;
```

Doesn't work for me

SOLUTION 3:

On the workbench UI

Edit the connection, on the Connection tab, go to the 'Advanced' sub-tab, and in the 'Others:' box add the line 'OPT_LOCAL_INFILE=1'.

Doesn't work for me.

SOLUTION 4 (The one finally worked):

On bash

mysql -u root -p --local-infile

This command is used to log in to MySQL as the root user on the command line and enable the local data file import function (--local-infile). User must enter the password to successfully log in.

SUMMARY

Mysql workbench 8.0 version has this bug and on mac there's no ticky box to totally open up the local and for some reason the UI can't do complete data import. Chat gave the same solutions and loop over like in a circle. Use CLI when the UI fails.

FOR OUTPORT CLEANED DATA

THIS WORKED FOR ME (BASH)

```
mysql -u root -p -e "SELECT * FROM world_layoffs.layoffs_staging2;" >  
~/Downloads/layoffs_clean.csv
```

```
LOAD DATA INFILE '/usr/local/mysql/data/layoffs.csv'  
INTO TABLE world_layoffs.layoffs  
FIELDS TERMINATED BY ','  
ENCLOSED BY '"'  
LINES TERMINATED BY '\n'  
IGNORE 1 ROWS
```