

Import CSV File Into MySQL Table

The `LOAD DATA INFILE` statement allows you to read data from a text file and import the file's data into a database table very fast.

Before importing the file, you need to prepare the following:

- Open the MySQL workbench .Create a new database to store the tables you'll import
- Then create the table using `CREATE` query
- Copy the MySQL bin directory path: `C:\Program Files\MySQL MySQL Server 8.0\bin`
- Go to the folder in command line by using: `cd` paste the path
Eg. `'C:\user\admin>cd C:\Program Files\MySQL MySQL Server 8.0\bin`
- Connect to MySQL database: `mysql -u root -p` (root is basically your username, enter the password) If you are logged in successfully, then set the global variables by using below command so that the data can be imported from the local computer folder.
`mysql> SET GLOBAL local_infile = 1;`
Query OK, 0 rows affected (0.00 sec)
(you've just instructed MySQL server to allow local file upload from your computer)
- Quit current server connection
`mysql> quit`
- Load the file from CSV file to the MySQL database. In order to do this, please follow the commands: (We'll connect with the MySQL server again with system variables. This basically means you want to upload data into a file from a local machine)
`mysql --local_infile=1 -u root -p (give password)`
- `show databases;` (It'll show all the databases in MySQL server.)

- **mysql> USE database_name ;** (makes the database that you had created in step 1 as default schema to use for the next sql scripts)

LOAD DATA LOCAL INFILE 'full path\\file.csv'

INTO TABLE tablename

FIELDS TERMINATED BY ','

ENCLOSED BY '"'

LINES TERMINATED BY '\r\n'

IGNORE 1 ROWS;

- **Note-VERY IMP-** Please replace single backward(\) slash in the path with double backslashes (\\).