



BULK LOAD OF DATA IN MYSQL WORKBENCH

NOTE your data should be in **csv** file not in excel or something else. If it is, then convert it in **csv** format.

PROPER WAY TO UPLOAD DATA - THAT YOU SHOULD DO IN INDUSTRY.

STEP 1-4 IS ONE TIME STEP.

1. DOWNLOAD NOTEPAD++, AND OPEN IT AS ADMINISTRATOR

2. GO TO THIS FILE: **C:\ProgramData\MySQL\MySQL Server 8.0** AND SELECT **my.ini** RIGHT CLICK ON IT AND SELECT **EDIT WITH NOTEPAD++**

3. WHEN YOUR NOTEPAD++ IS OPEN GO LINE NO. 168 - 175 YOU WILL SEE **secure-file-priv="<some path will be written here delete that path but don't delete the double-quotes>"** , THEN SAVE IT. AND CLOSE THE NOTEPAD++.

4. GO TO WINDOWS SEARCH OPTION AND SEARCH FOR **SERVICES** —> THEN SEARCH **MySQL** IN IT AND RIGHT CLICK ON IT AND SELECT RESTART, WHEN RESTART IS COMPLETED, CLOSE THE SERVICES.

5. NOW OPEN YOUR WORKBENCH AND WRITE THIS CODE

```
-- THIS CODE WILL HELP IN UPLOADING THE DATA IN MYSQL
LOAD DATA INFILE <PATH OF YOUR FILE AND CHANGE ' \ ' TO ' / '>
INTO TABLE <TABLE_NAME>
```

```
FIELDS TERMINATED BY ','  
ENCLOSED BY ''''  
LINES TERMINATED BY '\n'  
IGNORE 1 ROWS;
```

EASY WAY TO UPLOAD DATA BUT NOT RECOMMENDED.

1. CREATE DATABASE

2. USE THAT DATABASE

3. CREATE THE TABLE IN THAT DATABASE

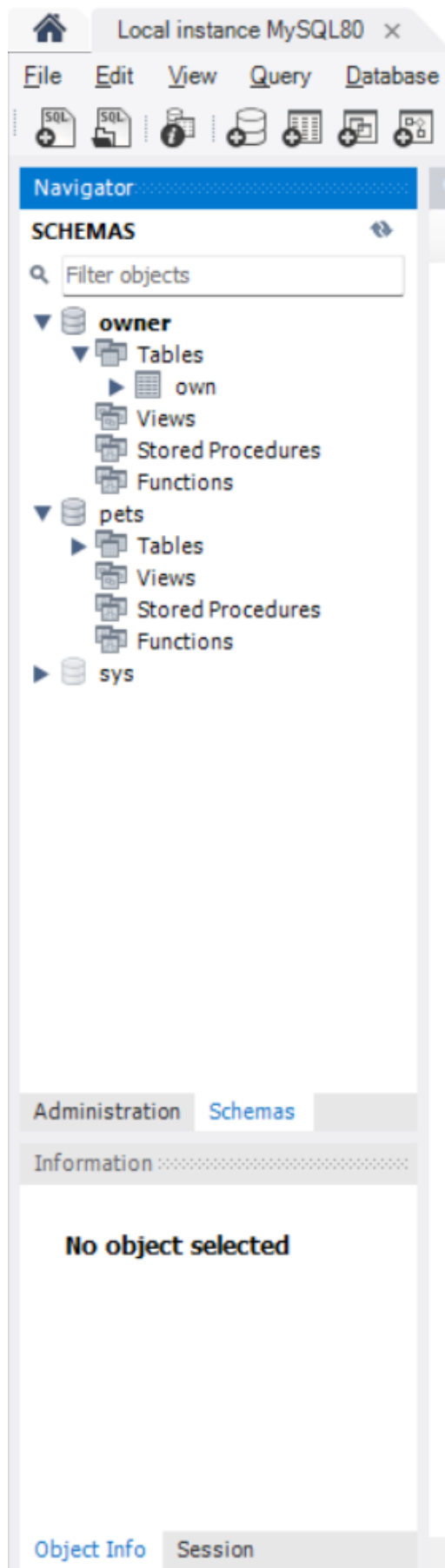
```
CREATE database OWNER;  
USE OWNER;
```

```
CREATE TABLE OWN
```

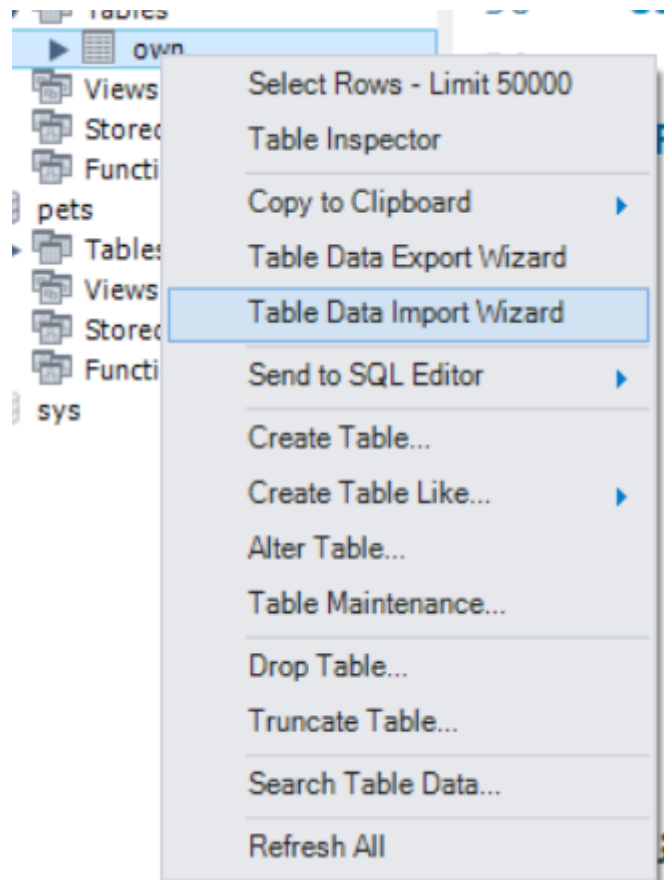
```
(  
    OwnerID varchar(50),  
    Name_of_Owner varchar(50),  
    Surname varchar(50),  
    StreetAddress varchar(200),  
    City varchar(50),  
    State varchar(50),  
    StateFull varchar(100),  
    ZipCode varchar(50)  
);
```

4. CHECK YOUR NAVIGATOR, LOOK FOR YOUR DATABASE AND THEN LOOK FOR YOUR TABLE IN IT.

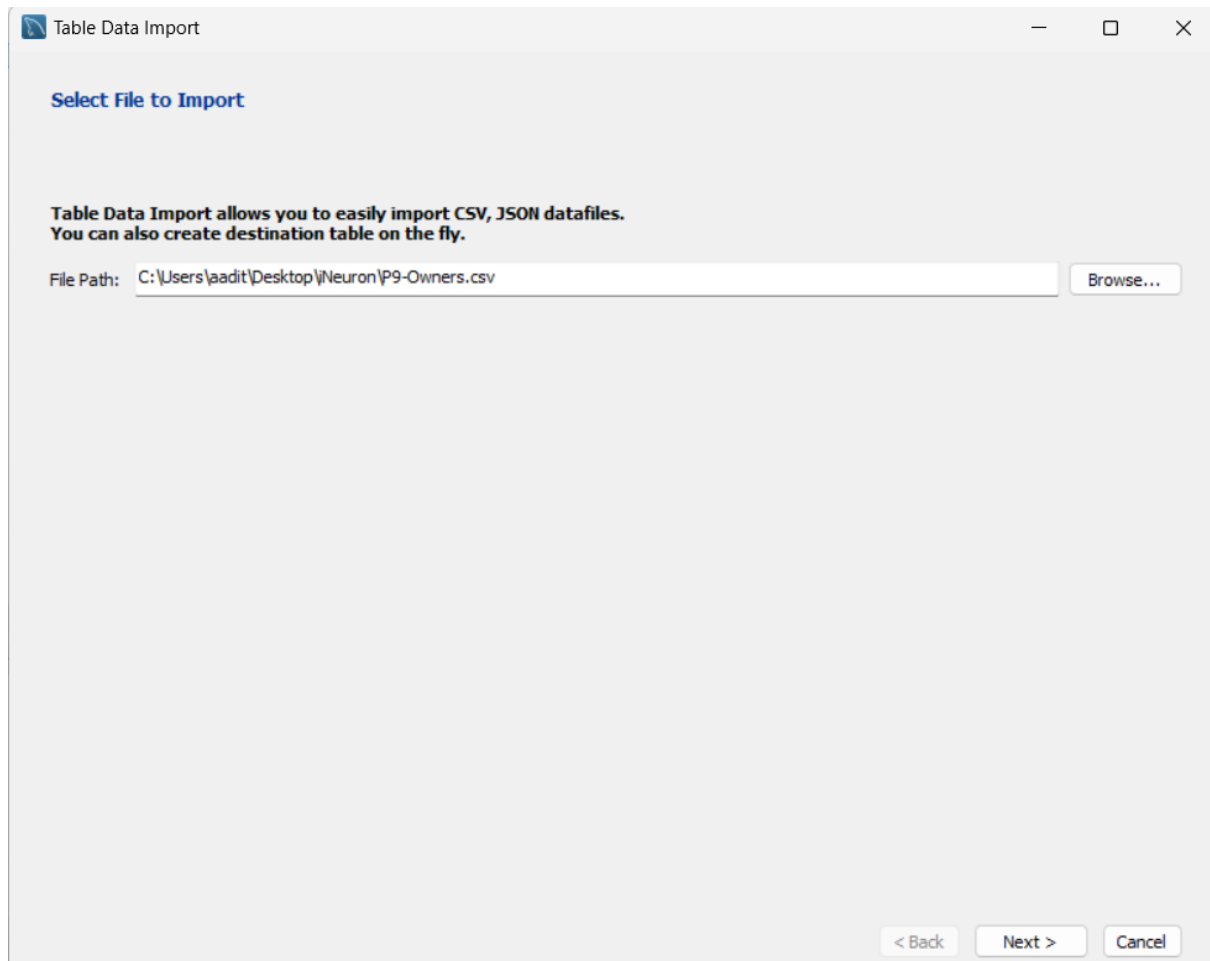
MySQL Workbench



5. RIGHT CLICK ON YOUR TABLE NAME - OWN FOR ME, THEN CLICK ON TABLE DATA IMPORT WIZARD



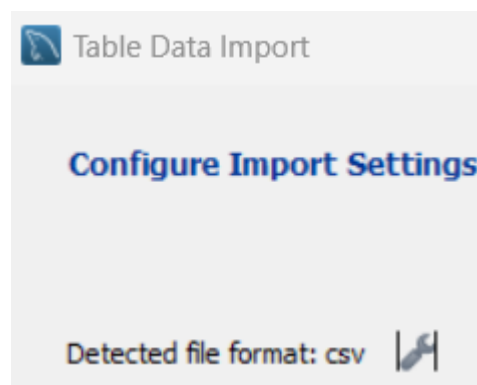
6. THEN YOU HAVE CHOOSE YOUR FILE PATH. THEN PRESS NEXT.



7. USE EXISTING TABLE. THEN PRESS NEXT.

The screenshot shows the 'Table Data Import' dialog box with the 'Select Destination' tab selected. The title bar reads 'Table Data Import'. Below the title, the text 'Select Destination' is displayed. Underneath, the instruction 'Select destination table and additional options.' is shown. There are three options: 'Use existing table:' (selected with a radio button), 'Create new table:' (unselected), and 'Truncate table before import' (unselected). The 'Use existing table:' option has a dropdown menu showing 'owner.own'. The 'Create new table:' option has two dropdown menus, the first showing 'owner' and the second showing 'P9-Owners'. At the bottom right, there are three buttons: '< Back', 'Next >', and 'Cancel'.


8. CLICK ON THE TOOL WHICH IS AFTER CSV



9. CONVERT FIELD SEPARATOR FROM ; TO , AND LINE SEPARATOR SHOULD BE LF WHICH MEANS \n - new line, AND ENCLOSE STRINGS IN " AND NULL WORDS AS SQL KEYWORD - YES AND DON'T CHANGE ANYTHING. AND THEN PRESS NEXT.

Table Data Import

Configure Import Settings

Detected file format: csv 

Options:

Field Separator	,
Line Separator	LF
Enclose Strings in	"
null and NULL word as SQL keyword	YES

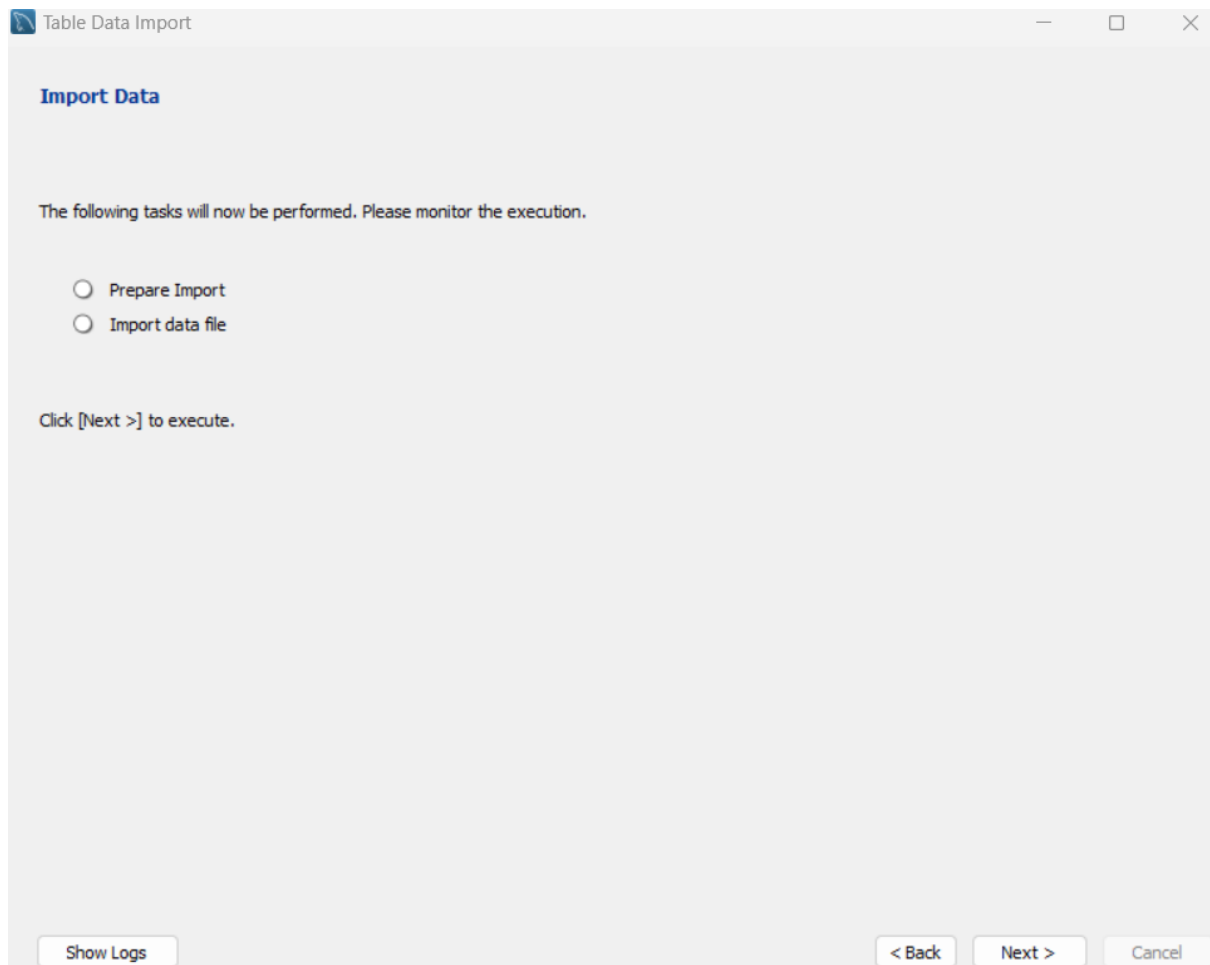
Encoding: utf-8

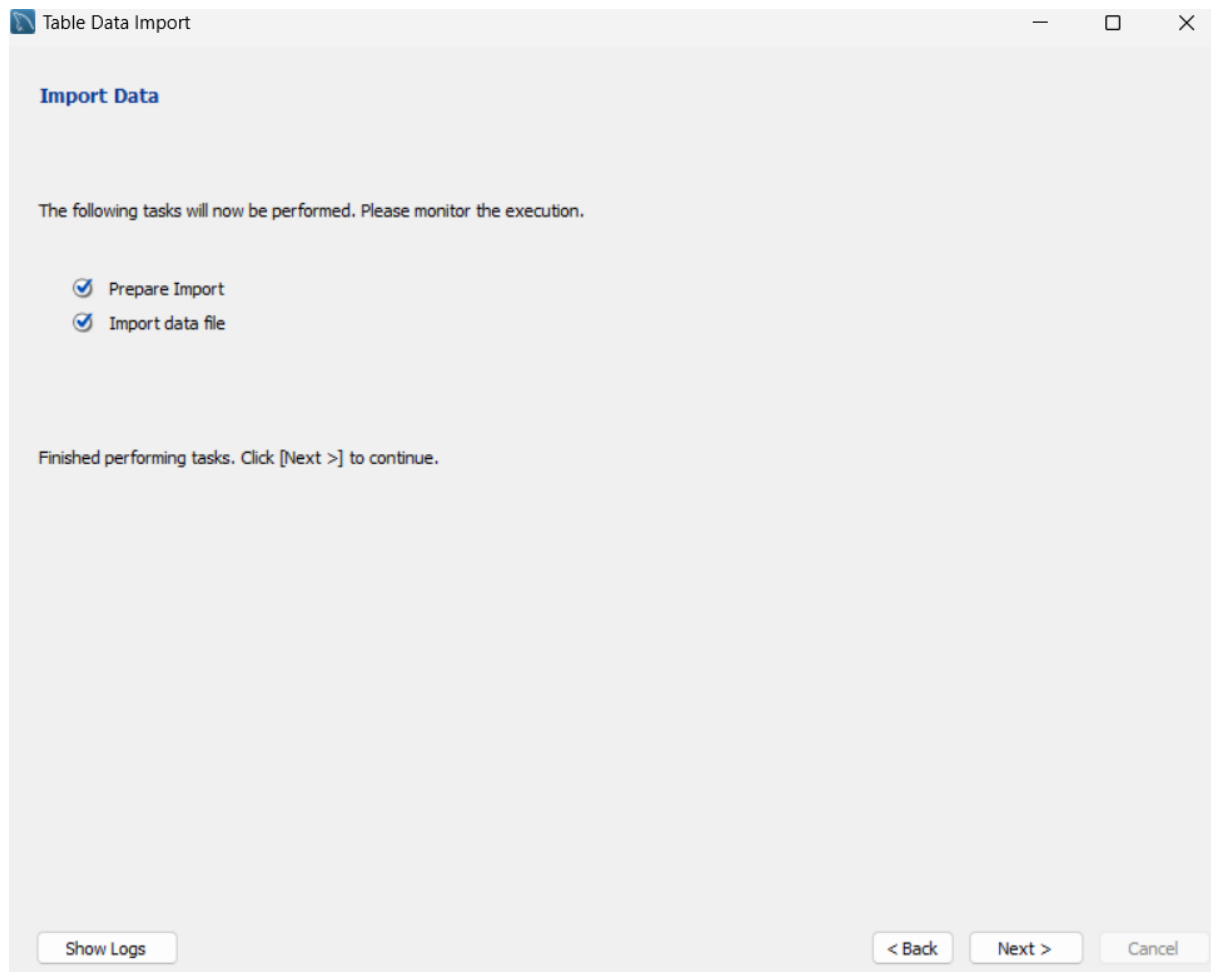
Columns:

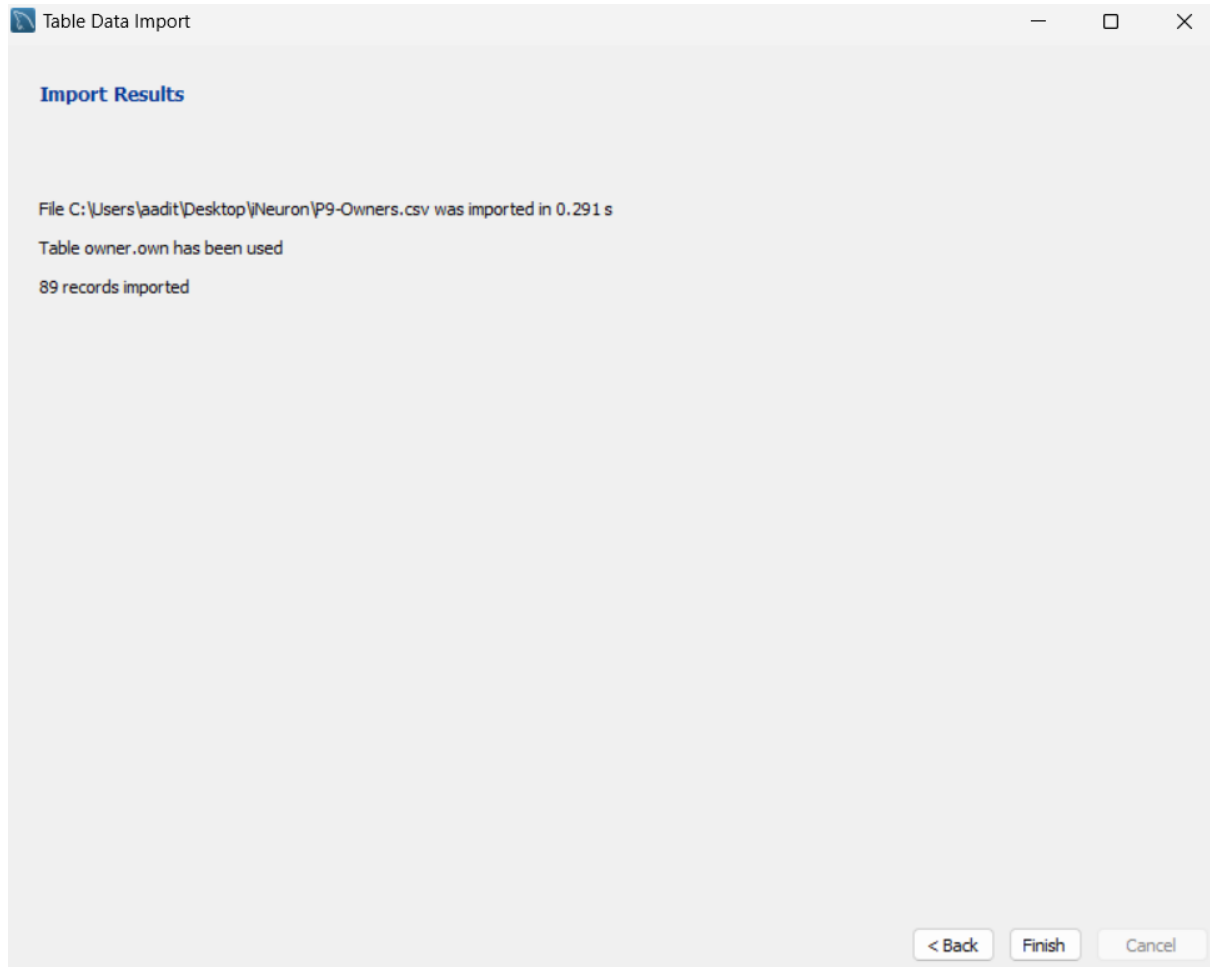
<input checked="" type="checkbox"/> Source Column	Dest Column
<input checked="" type="checkbox"/> OwnerID	OwnerID
<input checked="" type="checkbox"/> Name	Name_of_Owne
<input checked="" type="checkbox"/> Surname	Surname
<input checked="" type="checkbox"/> StreetAddress	StreetAddress
<input checked="" type="checkbox"/> City	City

< Back Next > Cancel

10. AGAIN PRESS NEXT. WHEN GETTING 2 TICK MARKS PRESS NEXT. THEN YOUR DATA LOADING IN TABLE IS FINISH, THEN CLICK NEXT.







11. CHECK YOUR DATA IF IT IS LOADED.

```
SELECT * FROM <YOUR_TABLE_NAME>;
```

43

44 • `select * from own;`

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Result Grid								
		Filter Rows:		Export:		Wrap Cell Content:		
	OwnerID	Name_of_Owner	Surname	StreetAddress	City	State	StateFull	ZipCode
▶	6049	Debbie	Metivier	315 Goff Avenue	Grand Rapids	MI	Michigan	49503
	2863	John	Sebastian	3221 Perry Street	Davison	MI	Michigan	48423
	3518	Connie	Pauley	1539 Cunningham Court	Bloomfield Township	MI	Michigan	48302
	3663	Lena	Haliburton	4217 Twin Oaks Drive	Traverse City	MI	Michigan	49684
	1070	Jessica	Velazquez	3861 Woodbridge Lane	Southfield	MI	Michigan	48034
	7101	Bessie	Yen	30 Cunningham Court	Rochester Hills	MI	Michigan	48306
	2419	Luisa	Cuellar	1308 Shingleton Road	Kalamazoo	MI	Michigan	49007
	6194	Karen	Torres	3941 Ritter Avenue	Center Line	MI	Michigan	48015
	5833	Mary	Hurtado	4865 Juniper Drive	Saint Charles	MI	Michigan	48655
	9614	Carmen	Ingram	1056 Eagle Drive	Detroit	MI	Michigan	48219
	7581	Florence	Nolen	3103 Howard Street	Grand Rapids	MI	Michigan	49503
	2755	Anne	Hudson	4110 Howard Street	Grand Rapids	MI	Michigan	49503
	9900	Marie	Floyd	314 Cunningham Court	Southfield	MI	Michigan	48075
	8143	Jackie	Hatmaker	949 John Avenue	East Lansing	MI	Michigan	48823
	7908	Paula	Browning	4915 Prudence Street	Lincoln Park	MI	Michigan	48146
	4989	Sarah	Canada	3216 Reppert Coal Road	Bloomfield Township	MI	Michigan	48302
	1132	Rosa	Quarles	4791 Tennessee Avenue	Southfield	MI	Michigan	48034
	8830	Elizabeth	Griffin	2222 Daylene Drive	Southfield	MI	Michigan	48075
	7663	Julia	Gowan	1342 Ben Street	Lansing	MI	Michigan	48933
	9385	Joyce	Lopez	1622 Goff Avenue	Kalamazoo	MI	Michigan	49007