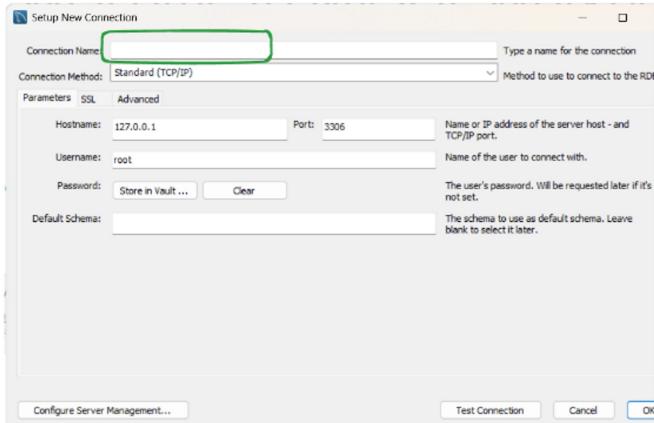


Getting Started with SQL - Lecture 3

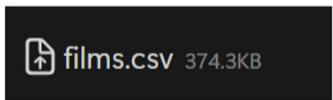
Getting Started With SQL - Lecture 3

MySQL Connections 

MYSQL-DS-09_10
root
127.0.0.1:3306



Step 1 : Click on the dataset to download it on your local system.



Film



Table

Step 2 : Creating a database name Film.

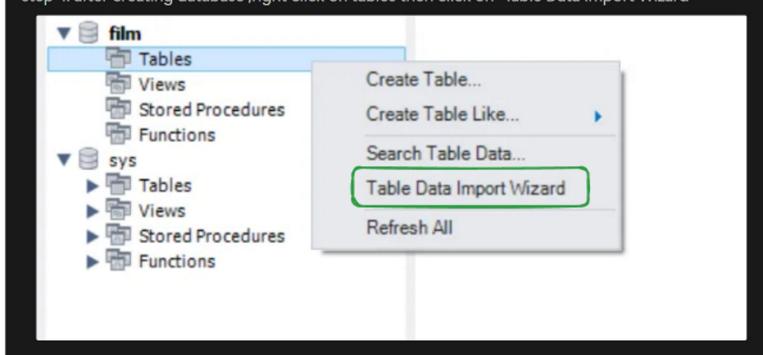
```
create database database_name
```



Run the command where our cursor is pointing to.

Lets import our csv file in MySQL workbench.

step-1: after creating database ,right click on tables then click on "Table Data Import Wizard"



**Table Data Import allows you to easily import CSV, JSON datafiles.
You can also create destination table on the fly.**

File Path: C:\Users\anujn\Downloads\films.csv Browse...

Import Results

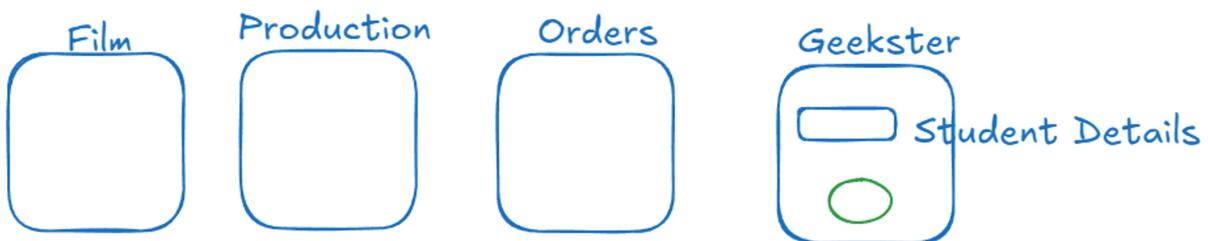
File C:\Users\krish\Downloads\films (2).csv was imported in 40.298 s
Table film.films (2) was created
4914 records imported

Action	Time	Details
SHOW TABLES FROM 'film' like 'films (2)'	20:59:31	
CREATE TABLE 'film'.films (2) ('id' int, 'Title' text, 'Year' double, 'Country' text, 'Runtime' double, 'Language' te...	20:59:39	
PREPARE stmt FROM 'INSERT INTO 'film'.films (2) ('id', 'Title', 'Year', 'Country', 'Runtime', 'Language', 'MPAA Ra...	20:59:39	
DEALLOCATE PREPARE stmt	21:00:19	

- 1 • **CREATE DATABASE Film;**
- 2 • **USE Film;**
- 3 • **SHOW TABLES;**

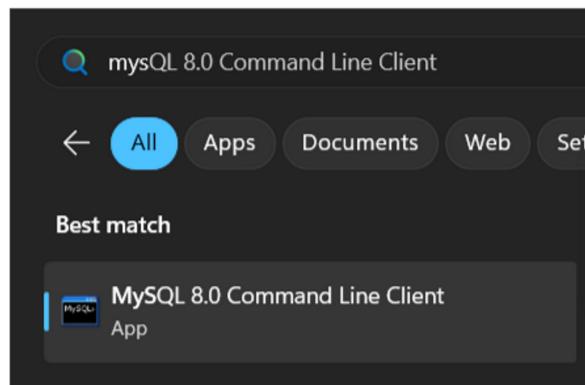
Film

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
Tables_in_film				
▶	films			



USE - is also useful to switch between multiple database;

Select * from Student_detail;



```
MySQL 8.0 Command Line Cli  X  +  v  
Enter password: *****  
Welcome to the MySQL monitor. Commands end with ; or \g.  
Your MySQL connection id is 17  
Server version: 8.0.37 MySQL Community Server - GPL  
  
Copyright (c) 2000, 2024, Oracle and/or its affiliates.  
  
Oracle is a registered trademark of Oracle Corporation and/or its  
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> |
```

Terminal

```
mysql> SHOW DATABASES;  
+-----+  
| Database |  
+-----+  
| employee |  
| film | database  
| geekster |  
| ig_clone |  
| information_schema |  
| mysql |  
| performance_schema |  
| shirts_db |  
| soap_store |  
+-----+  
9 rows in set (0.00 sec)  
  
mysql> show tables;  
ERROR 1046 (3D000): No database selected  
mysql> USE film;  
Database changed
```

```
mysql> USE film;  
Database changed  
mysql> SHOW TABLES;  
+-----+  
| Tables_in_film |  
+-----+  
| films |  
+-----+  
1 row in set (0.00 sec)  
  
mysql> USE ig_clone;  
Database changed  
mysql> SELECT DATABASE();  
+-----+  
| DATABASE() |  
+-----+  
| ig_clone |  
+-----+  
1 row in set (0.00 sec)  
  
mysql> |
```

```
mysql> SELECT `DATABASE();  
+-----+  
| DATABASE() |  
+-----+  
| ig_clone |  
+-----+  
1 row in set (0.00 sec)  
  
mysql> SHOW TABLES;  
+-----+  
| Tables_in_ig_clone |  
+-----+  
| comments |  
| follows |  
| likes |  
| photo_tags |  
| photos |  
| tags |  
| users |  
+-----+  
7 rows in set (0.00 sec)
```

"SELECT * FROM films;"

Table name

5 • DESC films;

6

DESCRIBE films;

Field	Type	Null	Key	Default	Extra
id	int	YES		NULL	
Title	text	YES		NULL	
Year	double	YES		NULL	
Country	text	YES		NULL	
Runtime	double	YES		NULL	
Language	text	YES		NULL	
MPAA Rating	text	YES		NULL	
Budget	text	YES		NULL	
Box Office	text	YES		NULL	

```
mysql> USE film;
Database changed
mysql> show tables;
+-----+
| Tables_in_film |
+-----+
| films |
+-----+
1 row in set (0.00 sec)

mysql> DESC films;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| id   | int  | YES  |     | NULL    |       |
| Title | text | YES  |     | NULL    |       |
| Year  | double | YES  |     | NULL    |       |
| Country | text | YES  |     | NULL    |       |
| Runtime | double | YES  |     | NULL    |       |
| Language | text | YES  |     | NULL    |       |
| MPAA Rating | text | YES  |     | NULL    |       |
| Budget | text | YES  |     | NULL    |       |
| Box Office | text | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
9 rows in set (0.00 sec)
```

col_name data_type optional

YES - The all field if not inserted well,
as they are optional they would be inserted
with "NULL" [Default]

FILM

Table - films;

Google Form

/

8 • SELECT * FROM films;

9

id	Title	Year	Country	Runtime	Language	MPAA Rating	Budget	Box Office
34	The Lost Weekend	1945	USA	101	English	Not Rated		1250000.0
35	The Valley of Decision	1945	USA	119	English	Passed		2160000.0
36	Duel in the Sun	1946	USA	144	English	Unrated	20400000.0	8000000.0
37	It's a Wonderful Life	1946	USA	118	English	PG		3180000.0
38	The Best Years of Our Lives	1946	USA	172	English	Not Rated	23650000.0	2100000.0
39	Gentleman's Agreement	1947	USA	118	English	Approved		2000000.0
40	The Lady from Shanghai	1947	USA	92	English	Not Rated	7927.0	2300000.0
41	Tycoon	1947	USA	95	English	Approved		3209000.0
42	Open Secret	1948	USA	68	English	Approved		
43	Red River	1948	USA	126	English	Approved		3000000.0

The screenshot shows the MySQL Workbench interface. At the top is a toolbar with several icons. One icon, which looks like a magnifying glass over a table, is highlighted with an orange circle and has an orange arrow pointing to it from the left. Below the toolbar is a status bar with the text "SHOPTABLES" and "Execute the statement under the keyboard cursor". The main area contains a query editor with the following text:

```
DESC films;  
DESCRIBE films;  
  
SELECT * FROM films;
```

It will run the command where your cursor points.

The screenshot shows the MySQL Workbench interface with a results grid. The title bar says "7 • SELECT DATABASE();". The results grid shows one row with the value "DATABASE0" in the first column. An orange box highlights the first column header "DATABASE0" and another orange box highlights the value "DATABASE0" in the first row.

You haven't chosen the database yet.

How to drop table from database

To drop a table in SQL, you use the **DROP TABLE** statement followed by the name of the table you want to delete. Here's the basic syntax:

The screenshot shows the MySQL Workbench interface with a SQL tab. The code input field contains:

```
SQL  
  
DROP TABLE table_name;    films.
```

DDL - Structure.

DML - Data / Record Changes

It drops the table , if you want you have to import it again.

10 • SELECT Title , Country , Budget , 'Box Office' From films;

Title	Country	Budget	Box Office
Intolerance: Love's Struggle Throughout the Ages	USA		Box Office
Over the Hill to the Poorhouse	USA	3000000.0	Box Office
The Big Parade	USA		Box Office
Metropolis	Germany	26435.0	Box Office
Pandora's Box	Germany	9950.0	Box Office
The Broadway Melody	USA	2808000.0	Box Office
Hell's Angels	USA		Box Office
A Farewell to Arms	USA		Box Office
42nd Street	USA	2300000.0	Box Office
She Done Him Wrong	USA		Box Office

Never give spaces while presenting the column name ,
Instead use 2 Method.

Snake_Case → box_office

camelCase → boxOffice

