

## L17 : Import Export

### 1-Tut : MCQ - 1

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Out of the following, what data file can mysql workbench import data from?

1. csv
2. json
3. ORC
4. Protocol
5. Parquet

### Options

This problem has only one correct answer

- 1,3,5  
only 2,4  
1,2,3  
1,2

Correct Answer : D

### Solution Description

MySQL files can import Data from CSV or JSON files.

### 2-Tut : MCQ - 2

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Choose the correct query for importing data, from the following.

### Options

This problem has only one correct answer

- A. LOAD DATA INFILE 'c:/tmp/football.csv' INTO TABLE Zaltan FIELDS TERMINATED BY ',' ENCLOSED BY '"' LINES TERMINATED BY '\n' IGNORE 1 ROWS;
- B. LOAD DATA INFILE 'c:/tmp/football.csv' INTO TABLE Zaltan
- C. LOAD DATA INFILE 'c:/tmp/football.csv' INTO Zaltan FIELDS ENCLOSED BY '"' LINES TERMINATED BY '\n' IGNORE 1 ROWS;
- D. LOAD INFILE "c:/tmp/football.csv" INTO DATABASE Zaltan AS TABLE his\_goals FIELDS TERMINATED BY ',' ENCLOSED BY '"' LINES TERMINATED BY '\n' IGNORE 1 ROWS;

Correct Answer : A

### Solution Description

When importing from a local computer, the client program reads the file on the client and sends it to the MySQL server. The file will be uploaded into the database server operating system. Query: - LOAD DATA LOCAL INFILE 'c:/tmp/xyz.csv' INTO TABLE T\_name FIELDS TERMINATED BY ',' ENCLOSED BY '"' LINES TERMINATED BY '\n' IGNORE 1 ROWS;

In the above Query, FIELDS TERMINATED BY, ENCLOSED BY, LINES TERMINATED BY, IGNORE ROWS is a part of the File and Line handling process. FIELDS TERMINATED BY is used when the text file we are importing is having values separated by commas. “, “.

ENCLOSED BY is used when we want to specify that we want to load the files under these symbols.

LINES TERMINATED BY is to terminate the specific line while importing the data.

IGNORE ROWS is used to ignore the specific row from a CSV file.

### 3-Tut : MCQ - 3

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Before exporting data, we must ensure that:

#### Options

This problem has only one correct answer

write access should be provided to the target folder that contains the target DATA file.

The target DATA file must not exist.

Both a and b

None.

Correct Answer : C

#### Solution Description

To export our data in CSV file we must ensure that

1. The write access should be provided to the folder containing the target data file.
2. The Target data file must not already exist.

Also, The query should be properly written and the target filename should be unique which we are writing in the query.

### 4-Tut : MCQ - 4

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Choose the correct query for Exporting data, from the following.

#### Options

This problem has only one correct answer

- A. SELECT \* FROM UFC WHERE id = 1 INTO OUTFILE 'C:/tmp/conner\_vs\_khabib2.csv' ;
- B. SELECT \* FROM UFC WHERE id = 1 INTO OUTFILE 'C:/tmp/conner\_vs\_khabib2.csv' FIELDS ENCLOSED BY '"' TERMINATED BY ';' ESCAPED BY '"' LINES TERMINATED BY '\r\n';
- C. SELECT \* FROM UFC WHERE id = 1 INTO OUTFILE 'C:/tmp/conner\_vs\_khabib2.csv' FIELDS TERMINATED BY ',' ENCLOSED BY '"' LINES TERMINATED BY '\n' IGNORE 1 ROWS;
- D. SELECT \* FROM UFC WHERE id = 1 LOAD DATA OUTFILE 'C:/tmp/conner\_vs\_khabib2.csv' FIELDS TERMINATED BY ',' ENCLOSED BY '"' LINES TERMINATED BY '\n' IGNORE 1 ROWS;

Correct Answer : B

#### Solution Description

To export our data into a CSV file.

Query:- `SELECT column_name(s) FROM T_name WHERE id = 1 INTO OUTFILE 'C:/tmp/xyz_exported.csv' FIELDS ENCLOSED BY '"' TERMINATED BY ';' ESCAPED BY '\"' LINES TERMINATED BY '\r\n';`

In the above Query, FIELDS ENCLOSED BY, ESCAPES BY, LINES TERMINATED BY, TERMINATED BY is a part of the File and Line handling process

1. FIELDS ENCLOSED BY is used when we have to export the data from the specific field
2. TERMINATED BY is used when we have to terminate the data after export.
3. LINES TERMINATED BY is to terminate the specific line after exporting the data.