

## Assignment No-1

Title → Study of Exporting & Importing Data in MySQL

Objectives → To learn and Understand Exporting and Importing operations.

Outcomes → Students will be able to learn concepts of data importing and Exporting in MySQL using DML Statements.

Hardware Requirements → Any CPU with Pentium Processor or similar, 256MB RAM or more; 1GB Hard Disk or more

Software Requirements → Ubuntu 14 Operating System or Windows operating system, MySQL.

Theory →

Steps to Import data in MySQL →

Step 1) Prepare the Data file  
- Ensure the data File is properly formatted (usually CSV or SQL Format)

Step 2) Open MySQL Command-Line or GUI



- You can use the MySQL command-line client or a GUI tool like phpMyAdmin, MySQL Workbench, etc.

### Step 3) Create a Database

CREATE DATABASE database-name;  
USE database-name;

### Step 4) Create a Table

- Ensure that the Table where you are importing the data matches the structure of the data in the file.

### Step 5) Importing a CSV file → MySQL → DML statements Command line

### Step 6) Importing an SQL File.

### Step 7) Note - Using GUI Tools

If you're using MySQL Workbench or phpMyAdmin Rather than Go MySQL command line Simply use Import and Export Buttons present on Interfaces.



## Exporting the Data in MySQL

### - General Methods used.

#### 1) Using MySQL Command-line:

- You can export the file using the DML Statement or query.

#### 2) Exporting Using MySQL Workbench:

- Simple Open MySQL workbench
- Navigate to the table you want to export
- Right-Click on table and chose the option "Table Data Export Wizard"
- And Follow the prompts to Specify File destinations and format options.
- Save the file.

Conclusion → In this assignment we have studied and demonstrated various DML Statements and various methods for exporting and Importing data in MySQL.