

# MySQL Database Backup and Recovery using Batch Scripts(Windows)

This project demonstrates how to backup and restore a mysql database using .bat scripts in a windows environment. The main goal is to simulate real-world database management tasks – such as regularly backing up data and being able to recover it in case of database failure or corruption.

It is useful for database administrators and developers who want to automate and simplify backup and recovery procedures.

## Technology Used :

MySQL	Database server to store and manage data
Windows OS	Environment to run .bat scripts
Batch Scripting	Used for automation of tasks
Command Prompt	To run and test scripts
VS Code	To edit SQL and BAT files

## System requirements:

Windows 10/11

Mysql server 8.0 or higher

Mysql username & password

Mysql added to system path or use full path in scripts

Admin access to command prompt

## Steps :

Step : 1 create database

Step : 2 run backup scripts

Step : 3 simulate failure (drop database)

Step : 4 recreate empty database

Step : 5 run restore script

Step : 6 check data