MSc (Data Science and AI)
Practical-8: Database Backup and Restore

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 Implement database backup and restore it. (for practical 1 and 2.

https://sqlbak.com/blog/how-to-backup-mysql-database-on-windows/

mysqldump command is meant to be run from the terminal (Command Prompt or shell), not inside the MySQL client (mysql> prompt).
Export
Change the directory to MySql Server bin and perform the following commands
To create a backup of all MySQL server databases, run the following command:
mysqldump --user=root --password=root mydb > mydb.sql

```
C:\Program Files\MySQL\MySQL Server 8.0\bin>mysqldump --user=root --password=root  mydb > mydb.sql
mysqldump: [Warning] Using a password on the command line interface can be insecure.
```

To recover data, use the following command:
mysql --user=root --password=root mysql < mydb.sql

```
C:\Program Files\MySQL\MySQL Server 8.0\bin>mysql --user=root --password=root mysql < mydb.sql
mysql: [Warning] Using a password on the command line interface can be insecure.
```

To dump a specific database, use the name of the database instead of the –all-database parameter.
Here we save all the data of mydb database into the mydb.sql file.
mysql --user=root --password=root mydb < mydb.sql

```
C:\Program Files\MySQL\MySQL Server 8.0\bin>mysql --user=root --password=root mydb < mydb.sql
mysql: [Warning] Using a password on the command line interface can be insecure.
```

Backup file is created