Here are the top 10 MySQL commands commonly used:

**1. Create Database**

CREATE DATABASE database\_name;

Example: `CREATE DATABASE mydatabase;`

**2. Create User**

CREATE USER 'username'@'hostname' IDENTIFIED BY 'password';

Example: `CREATE USER 'john'@'%' IDENTIFIED BY 'password123';

**3. Grant Permissions**

GRANT privilege ON database\_name.\* TO 'username'@'hostname';

Example: `GRANT ALL PRIVILEGES ON mydatabase.\* TO 'john'@'%';`

**4. Create Table**

CREATE TABLE table\_name (column1 data\_type, column2 data\_type, ...);

Example: `CREATE TABLE customers (id INT, name VARCHAR(255), email VARCHAR(255));`

**5. Insert Data**

INSERT INTO table\_name (column1, column2, ...) VALUES (value1, value2, ...);

Example: `INSERT INTO customers (id, name, email) VALUES (1, 'John Doe', 'john.doe@example.com');`

**6. Select Data**

SELECT \* FROM table\_name;

Example: `SELECT \* FROM customers;`

**7. Take Backup (mysqldump)**

bash

mysqldump -u username -p database\_name > backup.sql

Example: `mysqldump -u root -p mydatabase > mydatabase\_backup.sql`

**8. Restore Backup (mysql)**

bash

mysql -u username -p database\_name < backup.sql

Example: `mysql -u root -p mydatabase < mydatabase\_backup.sql`

**9. Show Databases**

SHOW DATABASES;

**10. Drop Database**

DROP DATABASE database\_name;

Example: `DROP DATABASE mydatabase;`

Additional Commands:

- `SHOW TABLES;` - List tables in a database

- `DESCRIBE table\_name;` - Describe table structure

- `UPDATE table\_name SET column1 = value1 WHERE condition;` - Update data

- `DELETE FROM table\_name WHERE condition;` - Delete data

\*\*Common Permissions:)

- `ALL PRIVILEGES` - All privileges

- `SELECT` - Read-only

- `INSERT` - Insert data

- `UPDATE` - Update data

- `DELETE` - Delete data

\*\*Hostnames:)

- `%` - Any hostname

- `localhost` - Localhost only

- `192.168.1.100` - Specific IP address

Remember to replace `username`, `password`, `database\_name`, and `table\_name` with your actual values.

Practice these commands to become proficient in MySQL!