# MySQL Commands Documentation

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| S.NO | COMMAND | DESCRIPTION |
| 1 | mysql --version | Checks if MySQL is installed and displays the installed version. |
| 2 | mysql -u root -p | Logs into MySQL using the root user. It will prompt for the root password. |
| 3 | SHOW DATABASES; | Lists all the databases present in the MySQL server. |
| 4 | CREATE DATABASE database\_name; | Creates a new database with the specified name. |
| 5 | USE database\_name; | Selects the specified database for use. |
| 6 | SHOW TABLES; | Lists all the tables present in the selected database. |
| 7 | CREATE TABLE table\_name (column1\_name data\_type constraints, column2\_name data\_type constraints, ...); | Creates a table with specified columns, data types, and constraints. |
| 8 | INSERT INTO table\_name (column1, column2) VALUES (value1, value2); | Inserts a new row into the specified table. |
| 9 | SELECT \* FROM table\_name; | Retrieves all the records from the specified table. |
| 10 | UPDATE table\_name SET column1 = new\_value WHERE condition; | Updates existing data in a table based on the specified condition. |
| 11 | DELETE FROM table\_name WHERE condition; | Deletes specific records from the table based on the given condition. |
| 12 | DROP TABLE table\_name; | Deletes the specified table permanently. |
| 13 | DROP DATABASE database\_name; | Deletes the specified database permanently. |
| 14 | EXIT; | Closes the MySQL session and exits the MySQL shell. |