**Database Management System**

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These [SQL](https://www.geeksforgeeks.org/sql-concepts-and-queries/)commands are mainly categorized into five categories:

* **DDL – Data Definition Language**
* [CREATE](https://www.geeksforgeeks.org/sql-create/): This command is used to create the database or its objects (like table, index, function, views, store procedure, and triggers).
* [DROP](https://www.geeksforgeeks.org/sql-drop-truncate/): This command is used to delete objects from the database.
* [ALTER](https://www.geeksforgeeks.org/sql-alter-add-drop-modify/): This is used to alter the structure of the database.
* [TRUNCATE](https://www.geeksforgeeks.org/sql-drop-truncate/): This is used to remove all records from a table, including all spaces allocated for the records are removed.
* [COMMENT](https://www.geeksforgeeks.org/sql-comments/): This is used to add comments to the data dictionary.
* [RENAME](https://www.geeksforgeeks.org/sql-alter-rename/): This is used to rename an object existing in the database.
* **DQL – Data Query Language**
  + [SELECT](https://www.geeksforgeeks.org/sql-select-clause/): It is used to retrieve data from the database.
* **DML – Data Manipulation Language**
  + [INSERT](https://www.geeksforgeeks.org/sql-insert-statement/): It is used to insert data into a table.
  + [UPDATE](https://www.geeksforgeeks.org/sql-update-statement/): It is used to update existing data within a table.
  + [DELETE](https://www.geeksforgeeks.org/sql-delete-statement/): It is used to delete records from a database table.
  + [LOCK:](https://www.geeksforgeeks.org/sql-lock-table/) Table control concurrency.
  + CALL: Call a PL/SQL or JAVA subprogram.
  + EXPLAIN PLAN: It describes the access path to data.
* **DCL – Data Control Language**
  + [**GRANT:**](https://www.geeksforgeeks.org/mysql-grant-revoke-privileges/)This commandgives users access privileges to the database.
  + [**REVOKE:**](https://www.geeksforgeeks.org/difference-between-grant-and-revoke/)This command withdraws the user’s access privileges given by using the GRANT command.
* **TCL – Transaction Control Language**
  + BEGIN: Opens a Transaction.
  + [COMMIT](https://www.geeksforgeeks.org/sql-transactions/): Commits a Transaction.
  + [ROLLBACK](https://www.geeksforgeeks.org/sql-transactions/): Rollbacks a transaction in case of any error occurs.
  + [SAVEPOINT](https://www.geeksforgeeks.org/sql-transactions/): Sets a save point within a transaction.