

# ByteWise Fellowship – Week 2

Module: DB Operations

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## 1. What is SQL?

SQL stands for Structure Query Language which is a programming language for storing and processing information in Relational databases. It deals with the structured data and lets a user communicate with the database.

It is the most popular and most frequently used language in the data industry.

## 2. What is DDL?

Data Definition Language(DDL) is a set of queries that deals with designing the database structure. They are used for creation and modification of databases as per requirement. Following are some DDL commands.

- Create
- Drop
- Alter
- Truncate
- Rename

## 3. What is DML?

Data Manipulation Language (DML) is a set of queries that perform CRUD operations in the databases. It writes new Information or modifies Existing Information in the relational database. Following are some DML commands

- Select
- Insert
- Update
- Delete

## 4. What is DQL?

Data Query Language consists of a set of instructions used in data retrieval. Software applications use the **SELECT** command to filter and return specific results from a SQL table.