

Pre-Joining Topics

Week 1: MYSQL Basics

DML (Data manipulation Language)

DML in MySQL refers to Data Manipulation Language, which is a subset of SQL commands used to manage and manipulate data within database tables.

Inserting a Single Row:

```
INSERT INTO table_name (column1, column2, column3, ...)  
VALUES (value1, value2, value3, ...);
```

Inserting Multiple Rows:

```
INSERT INTO table_name (column1, column2, ...)  
VALUES  
(value1_row1, value2_row1, ...),  
(value1_row2, value2_row2, ...),  
(value1_row3, value2_row3, ...);
```

Inserting Data into Specific Columns:

```
INSERT INTO Employees (FirstName, LastName)  
VALUES ('Jane', 'Smith');
```

Update Rows

Code

```
UPDATE table_name  
SET column1 = value1, column2 = value2, ...  
WHERE condition;
```

Deleting Specific Rows:

To delete specific rows, you must use a WHERE clause to specify the conditions that identify the rows to be removed.

Code

```
DELETE FROM table_name WHERE condition;
```

Deleting All Rows from a Table:

If you omit the WHERE clause, the DELETE statement will remove all rows from the specified table, leaving the table structure intact.

Code

```
DELETE FROM table_name;
```