

# Data-Manipulation Language



Data Manipulation Language (DML) is one of the Database Language which enables users to Access or Manipulate data of an organized Data Model.

Through DML we can

- Retrieve
  - Insert
  - Delete
  - Modification
- } Information stored in Database

DML is of 2 types

- Procedural DML
- Declarative DML

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Procedural DML :- It requires a user to specify 'what' Data are needed and how to get those Data.

Declarative DML :- OR NonProcedural DML requires a user to specify what Data are needed without specifying how to get those Data.

DML Component of SQL Language is Non-Procedural.

A Query is a Statement requesting to perform any of the DML operation like Retrieval, Insertion etc. and portion of a DML that involves information Retrieval is called Query Language.

Eg:-

Select Customer, Customer-name

From Customer

Where Customer, Customer-id = 192-83-7465

This Query in the SQL Language finds the name of the Customer whose Customer-id is 192-83-7465

\*\* This Query Language depends upon the which Data Base Management System i.e Software we are using.

Every DBMS has only little change in their SQL language.

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