SQL DML COMMANDS

DML Commands

THSERT

DELETE

UPDATE

SELECT

DML (bota Maripulation language):
The SQL commands that deals with the manipulation of data present in the database belong to DML OX Data Manipulation language and this & included most of the SQL Statements.

Command	Description.	Syntax	
INSERT	insert data into a table	INSERT INTO table_name (column1, column2,) VALUES (volue1, value2,);	
UPDATE	update existing data cuithin a table	UPDATE table-name SET column1 = value1, column2 = value2 where condition;	
DELETE	Delete records from a database table.	DELETE FROM table-name WHERE condition;	
Lock	table control concurrency	LOCK TABLE table-home IN lock-mode;	
CALL	Call a PL/SQL or JAVA Subpriogram	(anguments); EXPLAIN PLAN FOR SELECT	
FXPLAIN	Describe the acress poth to	* FROM table-name;	

data

SQL FUNETIONS

SQL Functions are built-in programs that are. used to perform different operations on the database.

These are two types of function in SOL.

1. Aggregate Functions

2. Scalar Functions

SQL Aggregate Functions:
SQL Aggregate functions operate on a clota group.

and return a singular output. They are mostly used with the CAROUP BY clause to summarize data.

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Aggregate Function.	Description.	Syntex
AVG()	Calculate the average.	SELECT AVG (column-name) FROM table-name;
COUNT()	Count the number of rows.	SELECT COUNT (column - name) FROM table - name;
FIRST()	Returns the first value in an ordered set of values.	SELECT FIRST(rolumn-name) FROM table-name;
LAST()	Returns. the last value in an ordered set of values.	SELECT LAST (column_name) FROM table-name;
MAXC) and MINC)	Retrieves the moxard min volu from a column.	SELECT MAX (column-name) FROM table-name;
sum()	Calculate the total sum of values in a numeric column.	SELECT SUM (column-name) FROM table_name;

Sal scalar function:
Sal Scalar functions are built-in functions that value operate on a single value and return a single value scalar functions in Sal helps in efficient data.

Scalar functions in Sal helps in efficient data.

manipulation and simplification of complex calculations in Sal queries.

Scalar	Description	Syntax name)
UCASE ()	Converts a string to uppercoss.	SELECT UCASE (column-name) FROM table-name;
L CASE()	Coments a string to lower case	SELECT L CASE (column-home) FROM table-home;
MID()	Festracts. a substring from a String	SELECT MID (column_name, 8tant, length) FROM table name
LEN()	Return the length of a string.	SELECT LEN (column-name) FROM table-name;
ROUND()	Rounds a number to	SELECT ROUND (column-hame, decimals) FROM table-home;
MoM()	Returns the rurrent	SELECT NOW();
FORMAT()	Formats a value with	SELECT FORMAT (column-name, format) FROM table-name;