WEEK 5

What are the types of **SQL commands**??

PRESENTED BY **FILSAN MUSA & FADUMO DIRIYE**
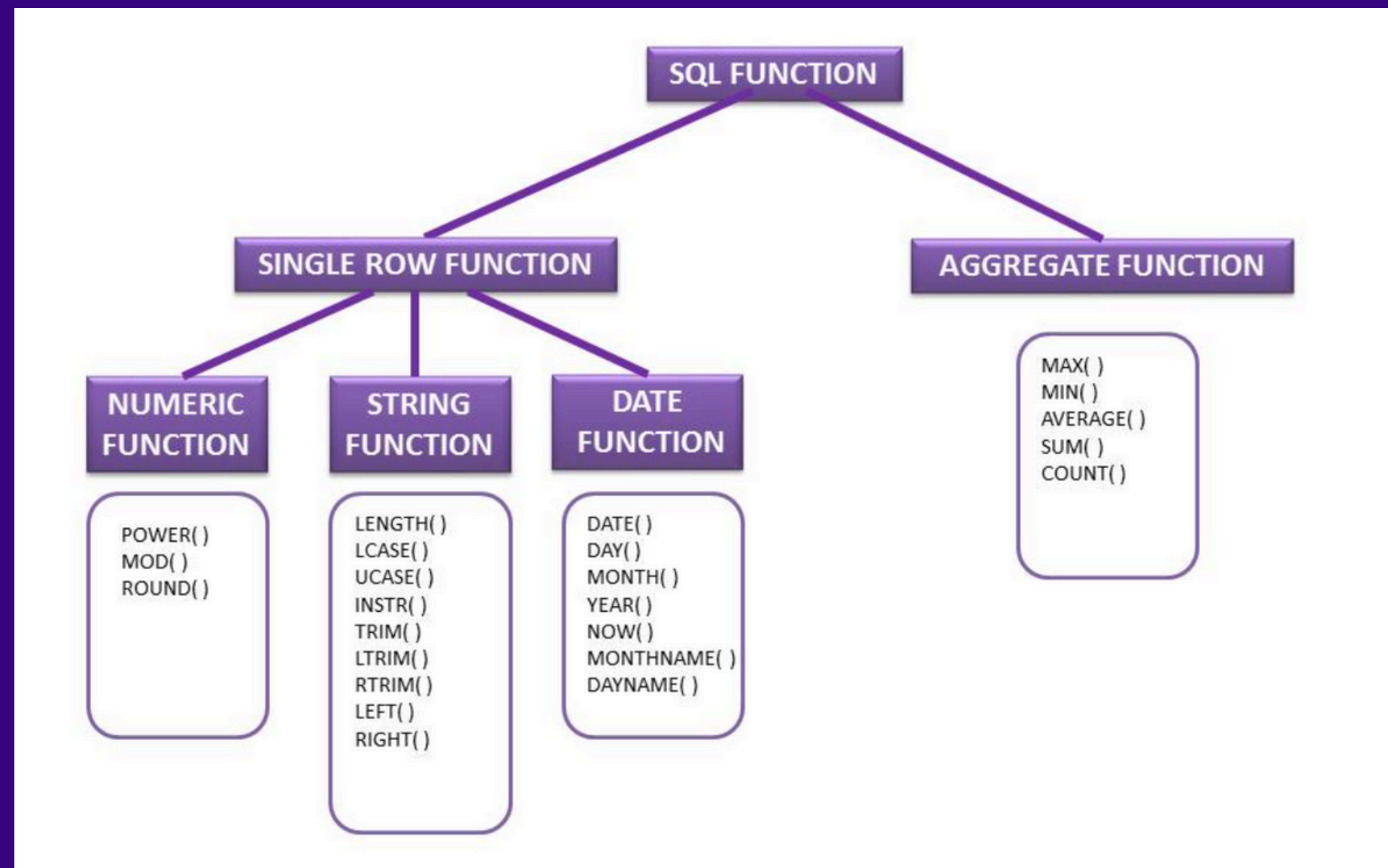
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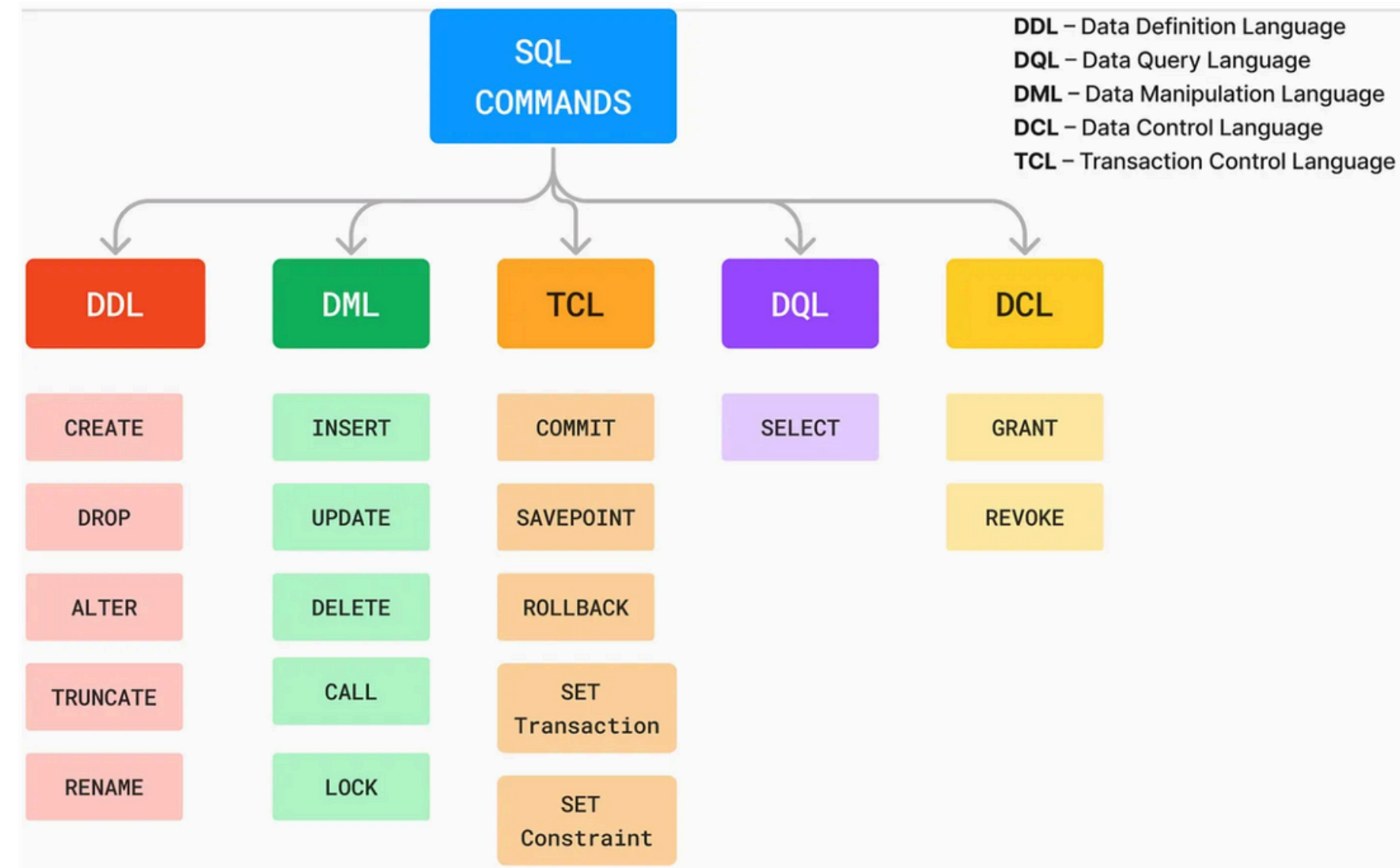# SQL Functions

Definition:

- Built-in or user-defined routines for calculations, data manipulation, or information retrieval.

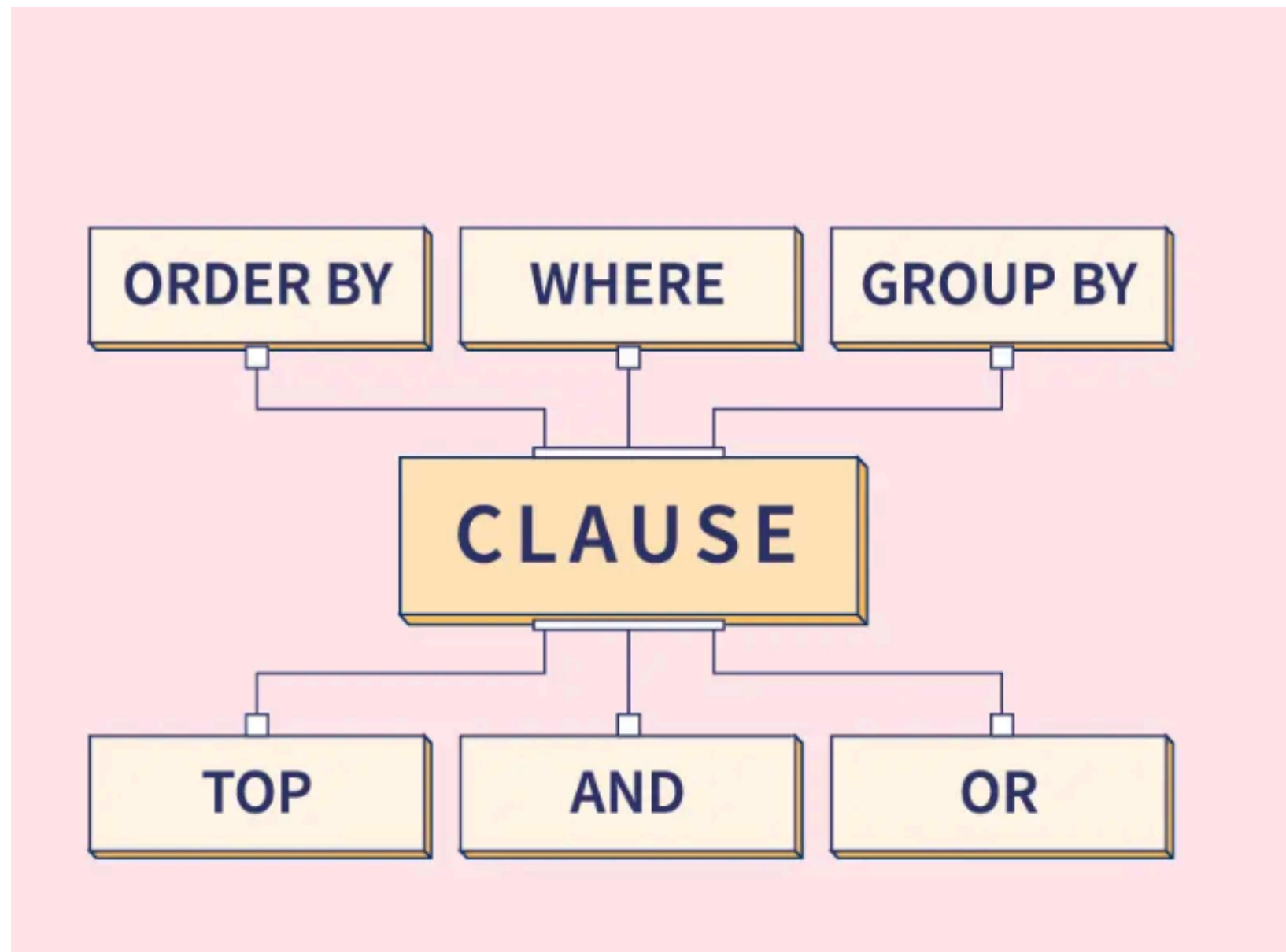# SQL Statements Overview

Definition:

- Commands that perform operations on a database like querying, updating, or deleting data and creating or modifying database objects.

SQL Clauses

Definition:

- Components of SQL statements that specify conditions and operations.

SQL Operators

Definition:
- Symbols or keywords for data comparison, arithmetic operations, and logical operations.

Types of PL/SQL Operators

Operator Category	Notation	Meaning
Assignment	:=	Store the value
Arithmetic	+	Addition
	-	Subtraction
	/	Division
	*	Multiplication
	**	Exponentiation
Logical	AND	Conjunction
	OR	Disjunction
	NOT	Negation

Operator Category	Notation	Meaning
Comparison (of non-nulls)	=	Equality
	!=	Inequality
	<	Less than
	>	Greater than
	<=	Less than or equal
	>=	Greater than or equal
	IN	Equality disjunction
	BETWEEN	Range test

Recap and Next Steps

- Summary:
  - SQL is the backbone of database management.
  - Mastering commands, functions, clauses, and operators empowers efficient database operations.
  - A solid understanding of SQL structures enhances performance in real-world database tasks.

- Next Steps:
  - Complete Week 5 Quiz