

Categories

DDL: Data Definition Language

DQL: Data Query Language

DML: Data Manipulation Language

DCL: Data Control Language

TCL: Transaction Control Language

Commands

DDL

CREATE | DROP | ALTER | TRUNCATE
| RENAME | COMMENT

DQL

SELECT

DML

INSERT | UPDATE | DELETE | LOCK |
CALL | EXPLAIN PLA

DCL

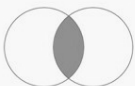
GRANT | REVOKE

TCL

COMMIT | ROLLBACK | SAVEPOINT |
SET TRANSACTION

Joins

INNER JOIN



LEFT [OUTER] JOIN



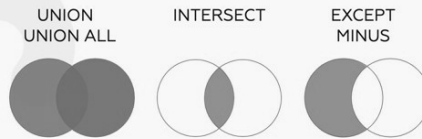
FULL [OUTER] JOIN



RIGHT [OUTER] JOIN



Set Operations



Execution Order

1. FROM, JOIN
2. WHERE
3. GROUP BY
4. AGGREGATE FUNCTIONS
5. HAVING
6. WINDOW FUNCTIONS
7. SELECT
8. DISTINCT
9. UNION/INTERSECT/EXCEPT
10. ORDER BY
11. OFFSET
12. LIMIT/FETCH/TOP

Window functions can be used in SELECT and ORDER BY, however they cant be put anywhere in the FROM, WHERE, GROUP BY, or HAVING clauses.

Operators

Arithmetic	+ - * / %
Bitwise	& ^
Comparison	= < > <= >= != <> <> !=
Compound	+= -= *= /= %= &= = ^=
Logical	AND OR NOT ANY SME ALL BETWEEN IN EXISTS LIKE IS NULL UNIQUE