SQL Referenca

CREATE DATABASE *dbname*;   USE *dbname*;   DROP DATABASE *dbname*;   DESC *table_name*;

CREATE [OR REPLACE] TABLE [IF NOT EXISTS] *table_name* (
        col_name COL_TYPE [NOT NULL] [AUTO_INCREMENT],...
        [PRIMARY KEY(*col_name*,...)],
        [UNIQUE (*col_name*)],...
        [CHECK (*condition*)],...
        [CONSTRAINT *constraint_name* [CHECK(*condition*)]],...
        [CONSTRAINT *constraint_name* [UNIQUE(*col_name*,...)]],...
        [CONSTRAINT *constraint_name* FOREIGN KEY(*col_name*) REFERENCES *foreign_table*(*col_name*)],...
);

COL_TYPE = INT | SMALLINT | TINYINT | CHAR | VARCHAR | TEXT | BLOB | FLOAT | DOUBLE | DECIMAL

CREATE [OR REPLACE] TABLE [IF NOT EXISTS] *table_name* AS *select_query*;

ALTER TABLE *table_name* ADD *col_name* COL_TYPE;
ALTER TABLE *table_name* DROP COLUMN *column_name*;
ALTER TABLE *table_name* MODIFY COLUMN column_name COL_TYPE;

DROP TABLE *table_name*;   TRUNCATE TABLE *table_name*;

CREATE [OR REPLACE] INDEX [IF NOT EXISTS] *index_name* ON *table_name* (*column1, column2,...*);
CREATE [OR REPLACE] UNIQUE INDEX [IF NOT EXISTS] *index_name* ON *table_name* (*column1, column2,...*);
ALTER TABLE *table_name* DROP INDEX *index_name*;

INSERT INTO *table_name* [(*column1, column2, column3,...*)] VALUES (*value1, value2, value3,...*);
UPDATE *table_name* SET *column1 = value1, column2 = value2,...* [WHERE *condition*];
DELETE FROM table_name [WHERE *where_condition*];

SELECT [DISTINCT] *column1* [AS *alias1*],... FROM *table_name* [*table_alias*],... [WHERE *condition*]
        [GROUP BY *column_name(s)*]
        [ORDER BY *column_name(s)* [ASC | DESC]]
        [LIMIT *number* [OFFSET *number*]]

... WHERE *columnN* [NOT] LIKE *pattern*;   *pattern* :=   % => 0,1,2+ chars | _ => exactly one
... WHERE *condition1* [AND|OR] *condition2* [AND|OR] *condition3* ...;
... WHERE NOT *condition*;   operatori := >, <, =, <=, >=, <>
... WHERE *column_name* IS [NOT] NULL;
... WHERE *column_name* IN (*value1, value2, ...*);
... WHERE *column_name* BETWEEN *value1* AND *value2*;

SELECT *column_name(s)* FROM *table1* [INNER|LEFT|RIGHT] JOIN *table2* ON *table1.column=table2.column*,...;
SELECT *column_name(s)* FROM *table1* CROSS JOIN *table2*;
SELECT *column_name(s)* FROM *table1* UNION [ALL] SELECT *column_name(s)* FROM *table2*;

CREATE [OR REPLACE] VIEW [IF NOT EXISTS] *view_name* AS *select_statement*;
DROP VIEW view_name;

MySQL String functions := LENGTH, REVERSE, TRIM, LTRIM, RTRIM, UPPER, LOWER, CONCAT
MySQL Number functions := POW, SUM, SIN, COS, ROUND
MySQL Date functions := CURDATE, NOW, DAY, MONTH, YEAR, DAYOFWEEK, DAYOFMONTH, DAYOFYEAR, WEEKOFYEAR,
DATE_ADD(*date*, INTERVAL value *addunit*)
addunit := SECOND | MINUTE | HOUR | DAY | WEEK | MONTH | QUARTER | YEAR