



Aide mémoire SQL

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| Requêtes SQL | |
|---|--|
| SELECT * | # Sélection des colonnes |
| FROM table | # Nom d'une ou plusieurs tables |
| WHERE condition | # Obtenir les résultats selon la condition |
| GROUP BY expression | # Grouper les tables en groupe |
| HAVING condition | # Condition sur un groupe |
| { UNION INTERSECT EXCEPT } | # Unir plusieurs requêtes |
| ORDER BY expression | # Trier les résultats |
| LIMIT count | # Limiter à N enregistrements |
| OFFSET start | # Débuter à partir N enregistrement |
| SELECT * FROM table INNER JOIN table2 ON table.id = table2.id | # Jointures de 2 tables |
| SELECT LAST_INSERT_ID() as new | # Retourner l'ID du dernier INSERT |
| SELECT COUNT(*) FROM table | # Retourner le nombre de lignes |
| INSERT INTO table VALUES ('valeur 1', 'valeur 2', ...) | # Insérer un enregistrement |
| UPDATE table SET nom_colonne_1 = 'nouvelle valeur' WHERE condition | # Modifier un enregistrement |
| DELETE FROM table WHERE condition | # Supprimer un enregistrement |

| Types de données | | | Fonctions GROUP BY | |
|------------------------|--------------------|----------------------|--------------------|--------------|
| Colonnes numériques | Colonnes de texte | Colonnes temporelles | | |
| TINYINT | CHAR | DATE | AVG | GROUP_CONCAT |
| SMALLINT | VARCHAR | DATETIME | COUNT | STD |
| MEDIUMINT | TINYTEXT, TINYBLOB | TIMESTAMP | MAX | STDDEV_POP |
| INT, INTEGER | TEXT, BLOB | TIME | MIN | STDDEV_SAMP |
| BIGINT | LONGTEXT, LONGBLOB | YEAR | SUM | STDDEV |
| FLOAT | ENUM | | BIT_AND | VAR_POP |
| DOUBLE PRECISION, REAL | SET | | BIT_OR | VAR_SAMP |
| DECIMAL | | | BIT_XOR | VARIANCE |

| Fonctions | | | | |
|-----------|-------------------|----------------|-----------------------|-----------------|
| Maths | Dates et heures | | Chaînes de caractères | |
| ABS | ADDDATE | MONTH | ASCII | MATCH |
| ACOS | ADDTIME | MONTHNAME | BIN | MID |
| ASIN | CONVERT_TZ | NOW | BIT_LENGTH | OCT |
| ATAN | CURDATE | PERIOD_ADD | CHAR_LENGTH | OCTET_LENGTH |
| CEIL | CURRENT_DATE | PERIOD_DIFF | CHAR | ORD |
| CEILING | CURTIME | QUARTER | CHARACTER_LENGTH | POSITION |
| CONV | CURRENT_TIME | SEC_TO_TIME | CONCAT_WS | QUOTE |
| COS | CURRENT_TIMESTAMP | SECOND | CONCAT | REPEAT |
| COT | DATE_ADD | STR_TO_DATE | ELT | REPLACE |
| CRC32 | DATE_FORMAT | SUBDATE | EXPORT_SET | REVERSE |
| DEGREES | DATE_SUB | SUBTIME | FIELD | RIGHT |
| EXP | DATE | SYSDATE | FIND_IN_SET | RPAD |
| FLOOR | DATEDIFF | TIME_FORMAT | FORMAT | RTRIM |
| LN | DAYNAME | TIME_TO_SEC | HEX | SOUNDEX |
| LOG10 | DAYOFMONTH, DAY | TIME | INSERT | SPACE |
| LOG2 | DAYOFWEEK | TIMEDIFF | INSTR | STRCMP |
| LOG | DAYOFYEAR | TIMESTAMP | LCASE | SUBSTR |
| MOD | EXTRACT | TIMESTAMPADD | LEFT | SUBSTRING_INDEX |
| PI | FROM_DAYS | TIMESTAMPDIFF | LENGTH | SUBSTRING |
| POW | FROM_UNIXTIME | TO_DAYS | LIKE | TRIM |
| POWER | GET_FORMAT | UNIX_TIMESTAMP | LOAD_FILE | UCASE |
| RADIANS | hour | UTC_DATE | LOCATE | UNHEX |
| RAND | LAST_DAY | UTC_TIME | LOWER | UPPER |
| SIGN | LOCALTIME | UTC_TIMESTAMP | LPAD | |
| SIN | LOCALTIMESTAMP | WEEK | LTRIM | |
| SQRT | MAKEDATE | WEEKDAY | MAKE_SET | |
| TAN | MAKETIME | WEEKOFYEAR | | |
| TRUNCATE | MICROSECOND | YEAR | | |
| | MINUTE | YEARWEEK | | |