



# 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

Colonnes numériques	Colonnes de texte	Colonnes temporelles
TINYINT	CHAR	DATE
SMALLINT	VARCHAR	DATETIME
MEDIUMINT	TINYTEXT, TINYBLOB	TIMESTAMP
INT, INTEGER	TEXT, BLOB	TIME
BIGINT	LONGTEXT, LONGBLOB	YEAR
FLOAT	ENUM	
DOUBLE PRECISION, REAL	SET	
DECIMAL		

## Fonctions GROUP BY

AVG	GROUP_CONCAT
COUNT	STD
MAX	STDDEV_POP
MIN	STDDEV_SAMP
SUM	STDDEV
BIT_AND	VAR_POP
BIT_OR	VAR_SAMP
BIT_XOR	VARIANCE

## Fonctions

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