

SQL DATA TYPES	SQL COMMANDS	SQL FUNCTIONS	SQL FUNCTIONS	SQL FUNCTIONS
BIGINT	CREATE, ALTER, DROP	STRING	DATETIME	WINDOW
BOOLEAN	DATABASE	BIT_LENGTH	EXTRACT	AVG
CHAR	SCHEMA	CHAR_LENGTH, LENGTH	JUSTIFY_HOURS, DAYS	COUNT
DATE	ROLE/USER	CHR	LOCALTIMESTAMP	DENSE_RANK
DECIMAL	TABLE	CONCAT, CONCAT_WS	MAKE_DATE	FIRST_VALUE, LAST_VALUE
DOUBLE	VIEW	LEFT, RIGHT	MAKE_INTERVAL	LEAD, LAG
INTEGER	SEQUENCE	LOWER, UPPER	MAKE_TIMESTAMP	MIN
REAL	PROCEDURE (PL/pgSQL)	LPAD, RPAD	MAKE_TIMESTAMPZ	MAX
SMALLINT	QUERIES and DML	BTRIM, LTRIM, RTRIM, TRIM	NOW()	RANK
TIMESTAMP	CREATE TABLE AS (CTAS)	MD5	OVERLAPS	ROW_NUMBER
TIMESTAMPTZ	SELECT	OCTET_LENGTH	MATHEMATICAL	SUM
UUID	SELECT INTO	POSITION	ABS	CONDITIONAL
VARCHAR	PREPARE and EXECUTE	REPEAT	CBRT	CASE
DATABASE OBJECTS	CALL (PL/pgSQL)	REPLACE	CEIL	COALESCE
Databases	INSERT	REVERSE	DIV	NULLIF
Schemas	UPDATE	SPLIT_PART	EXP	FORMATTING
Tables	DELETE	STRPOS	FLOOR	TO_DATE
Views	TRUNCATE	SUBSTR, SUBSTRING	LN	TO_TIMESTAMP
Roles/users	CURSORS	TO_ASCII	LOG	JSON
Cursors	DECLARE, CLOSE	TO_HEX	POWER	JSON_ARRAY_STR
Sequences	FETCH, MOVE	TRANSLATE	ROUND	JSON_OBJECT_STR
Stored procedures (PL/pgSQL)	TRANSACTIONS	PATTERN MATCHING	SIGN	SYSTEM
Prepared statements	BEGIN/START	POSIX regex	SQRT	CURRENT_DATABASE()
ANSI SQL QUERIES	END/COMMIT	LIKE	TRUNC	CURRENT_QUERY()
WITH clause	ROLLBACK	SIMILAR TO	AGGREGATE	CURRENT_SCHEMA
SELECT, FROM, WHERE	SECURITY	SUBSTRING	AVG	CURRENT_USER
INNER and OUTER joins	GRANT	DATETIME	COUNT	SESSION_USER
GROUP BY, HAVING	REVOKE	AGE	COUNT(DISTINCT)	HAS_*_PRIVILEGE
ORDER BY, LIMIT, OFFSET	SET ROLE	AT TIME ZONE	MIN	VERSION()
WINDOW clause	ADMINISTRATION	CURRENT_DATE	MAX	sys.execution_id()
UNION/INTERSECT/EXCEPT	ANALYZE	CURRENT_TIMESTAMP	SUM	sys.gen_random_uuid()
Correlated subqueries	EXPLAIN	DATE_PART	SEQUENCE	sys.query_cancel()
	YFLUSH	DATE_TRUNC	NEXTVAL	sys.worker_id()

ANSI SQL QUERIES

SELECT SYNTAX SUMMARY

```
[ WITH name as (subquery) [, ...] ]  
SELECT [ ALL | DISTINCT expression [ [ AS ] output_name ] [, ...] ]  
  [ * | expression [ [ AS ] output_name ] [, ...] ]  
  [ FROM table_reference [, ...] ]  
  [ WHERE condition ]  
  [ GROUP BY expression [, ...] ]  
  [ HAVING condition ]  
  [ WINDOW window_name AS ( window_definition ) [, ...] ]  
  [ { UNION | INTERSECT | EXCEPT } [ ALL | DISTINCT ] select ]  
  [ ORDER BY expression [ ASC | DESC ] [ NULLS { FIRST | LAST } ] [, ...] ]  
  [ LIMIT { count | ALL } ]  
  [ OFFSET start [ ROW | ROWS ] ]
```

WINDOW FUNCTION SYNTAX SUMMARY

```
function_name ([ expression ]) OVER { window_name | ( window_definition ) }  
where window_definition is:  
[ PARTITION BY expression [, ...] ]  
[ ORDER BY expression [ ASC | DESC ] [ NULLS { FIRST | LAST } ] [, ...] ]  
[ frame_clause ]
```

JOIN SYNTAX SUMMARY

```
[ join_type table_reference ON join_condition | USING ( join_column [, ...] ) ]  
where join_type is one of:  
INNER JOIN  
FULL OUTER JOIN  
LEFT OUTER JOIN  
RIGHT OUTER JOIN
```

