The list of functions and operators you must know.

Operators:

1. Logical Operators
   1. AND
   2. OR
   3. NOT

2. Comparison Operators
   1. <
   2. >
   3. <=
   4. >=
   5. =
   6. <> or !=

3. Comparison Predicates
   1. BETWEEN
   2. NOT BETWEEN
   3. IS DISTINCT
   4. IS NOT DISTINCT
   5. IS NULL
   6. IS NOT NULL
   7. IS TRUE
   8. IS NOT TRUE
   9. IS FALSE
   10. IS NOT FALSE
   11. IS UNKNOWN
   12. IS NOT UNKNOWN

4. Mathematical Operators
   1. +
   2. -
   3. *
   4. /
   5. %
   6. ^
   7. |/ (square root)
   8. ||/ (cube root)
   9. !
   10. @

5. String Operators
   1. || (concatenation)

6. Array Operators
   1. <
   2. >
   3. <=
   4. >=
   5. =
   6. <>
   7. @>
   8. <@
   9. &&
   10. || (concatenation)

Functions

1. Mathematical Functions
   1. abs
   2. cbrt
   3. ceil
   4. floor
   5. ln
   6. log
   7. mod
   8. pi
   9. power
   10. round
   11. scale
   12. sign
   13. sqrt
   14. trunc

2. Random Functions
   1. random

3. Trigonometric Functions
   1. all functions

4. String Functions
   1. char_length
   2. lower
   3. upper
   4. overlay
   5. position
   6. substring
   7. trim
   8. format

5. Data type formatting Functions
   1. to_char
   2. to_date
   3. to_number
   4. to_timestamp

6. Array Functions
   1. array_append
   2. array_cat
   3. array_length
   4. array_position
   5. array_positions
   6. array_prepend
   7. array_remove
   8. array_replace

7. Aggregate Functions
   1. avg
   2. count
   3. max
   4. min
   5. sum

Additional

1. LIKE
2. CASE
3. COALESCE
4. NULLIF
5. GREATEST
6. LEAST
7. EXISTS
8. IN
9. NOT IN
10. ANY/SOME
11. ALL