Conversion Functions

- List of Conversion Functions with example queries

- This function converts a raw value into a hexadecimal value.

Syntax
RAWTOHEX(raw);

Example
SELECT RAWTOHEX('7E') AS RESULT from dual;

RESULT
3745

TO_DATE()

• This function converts a string to a date.

Syntax

TO_DATE(string1 [, format_mask] [, nls_language])

Example

SELECT TO_DATE('20-Mar-2015') AS RESULT FROM dual;

RESULT
20-Mar-2015

•This function converts a string to a date.

Syntax

TO_DATE(string1 [, format_mask] [, nls_language])

Example

SELECT TO_DATE('March 20, 2015', 'Month DD, YYYY') AS RESULT
FROM dual;

RESULT
20-Mar-2015

•This function converts a string to a date.

Syntax

TO_DATE(string1 [, format_mask] [, nls_language])

Example

SELECT TO_DATE('2015/03/20', 'YYYY/MM/DD') AS RESULT FROM dual;

RESULT
20-Mar-2015

TO_NUMBER()

• This function converts a string to a number.

Syntax

TO_NUMBER(string1 [, format_mask] [, nls_language])

Example

SELECT TO_NUMBER('1210.7') AS RESULT FROM dual;

RESULT
1210.7

input_value (mandatory): This is the value that is to be converted to a number.
format_mask (optional): This is the format that the output value should be displayed as. It must be a valid number format.
nls_parameter (optional): This value is used to determine how the output value is displayed, such as currency symbols and numeric characters.

• This function converts a string to a number.

Syntax

TO_NUMBER(string1 [, format_mask] [, nls_language])

Example

SELECT TO_NUMBER('$1,210.7', '$9,999.9') AS RESULT FROM dual

RESULT
1210.7

TO_NUMBER()

• This function converts a string to a number.

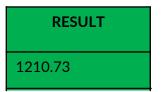## Syntax

TO_NUMBER(string1 [, format_mask] [, nls_language])

Example

SELECT TO_NUMBER('1,210.73', '9,999.99') AS RESULT FROM dual;

↓

RESULT
1210.73

SELECT TO_NUMBER('5467.12') FROM DUAL;
Result: 5467.12

SELECT TO_NUMBER('4687841', '9999999') FROM DUAL;
Result: 468784

SELECT TO_NUMBER('$65.169', 'L99.999') FROM DUAL;
Result: 65.169

https://www.databasestar.com/oracle-to_number/

TO_CHAR()

• This function converts a number or date to a string.

Syntax

TO_CHAR(value [, format_mask] [, nls_language])

Example

SELECT TO_CHAR(1210.73, '9,999.99') AS RESULT FROM dual;

RESULT
1,210.73

•This function converts a number or date to a string.

Syntax

TO_CHAR(value [, format_mask] [, nls_language])

Example

SELECT TO_CHAR(sysdate, 'MON DDth, YYYY') AS RESULT FROM dual;

RESULT
FEB 15TH, 2018

THANKS

eBOX BY AMPHISOFT