



Start-Tech Academy

CONVERSION TO STRING

TO_CHAR function converts a number or date to a string

Syntax

TO_CHAR (value, format_mask)



CONVERSION TO STRING

TO_CHAR function converts a number or date to a string

Format Mask

Parameter	Explanation
9	Value (with no leading zeros)
0	Value (with leading zeros)
.	Decimal
,	Group separator
PR	Negative value in angle brackets
S	Sign
L	Currency symbol
MI	Minus sign (for negative numbers)
PL	Plus sign (for positive numbers)
SG	Plus/minus sign (for positive and negative numbers)
EEEE	Scientific notation



CONVERSION TO STRING

TO_CHAR function converts a number or date to a string

Format Mask

Parameter	Explanation
YYYY	4-digit year
MM	Month (01-12; JAN = 01).
Mon	Abbreviated name of month capitalized
Month	Name of month capitalized, padded with blanks to length of 9 characters
DAY	Name of day in all uppercase, padded with blanks to length of 9 characters
Day	Name of day capitalized, padded with blanks to length of 9 characters
DDD	Day of year (1-366)
DD	Day of month (01-31)
HH	Hour of day (01-12)
HH12	Hour of day (01-12)
HH24	Hour of day (00-23)
MI	Minute (00-59)
SS	Second (00-59)
am, AM, pm, or PM	Meridian indicator



CONVERSION TO STRING

TO_CHAR function converts a number or date to a string

Example

```
SELECT sales, TO_CHAR(sales, '9999.99')  
FROM sales;
```

```
SELECT sales, TO_CHAR(sales, 'L9,999.99')  
FROM sales;
```

```
SELECT order_date, TO_CHAR(order_date, 'MMDDYY')  
FROM sales;
```

```
SELECT order_date, TO_CHAR(order_date, 'Month DD, YYYY')  
FROM sales;
```



CONVERSION TO DATE

TO_DATE function converts a string to a date.

Syntax

TO_DATE(string1, format_mask)



CONVERSION TO DATE

TO_DATE function converts a string to a date.

Format Mask

Parameter	Explanation
YYYY	4-digit year
MM	Month (01-12; JAN = 01).
Mon	Abbreviated name of month capitalized
Month	Name of month capitalized, padded with blanks to length of 9 characters
DAY	Name of day in all uppercase, padded with blanks to length of 9 characters
Day	Name of day capitalized, padded with blanks to length of 9 characters
DDD	Day of year (1-366)
DD	Day of month (01-31)
HH	Hour of day (01-12)
HH12	Hour of day (01-12)
HH24	Hour of day (00-23)
MI	Minute (00-59)
SS	Second (00-59)
am, AM, pm, or PM	Meridian indicator



CONVERSION TO DATE

TO_DATE function converts a string to a date.

Example

```
SELECT TO_DATE('2014/04/25', 'YYYY/MM/DD');
```

```
SELECT TO_DATE('033114', 'MMDDYY');
```



CONVERSION TO NUMBER

TO_NUMBER function converts a string to a number

Syntax

TO_NUMBER(string1, format_mask)



CONVERSION TO NUMBER

TO_NUMBER function converts a string to a number

Format Mask

Parameter	Explanation
9	Value (with no leading zeros)
0	Value (with leading zeros)
.	Decimal
,	Group separator
PR	Negative value in angle brackets
S	Sign
L	Currency symbol
MI	Minus sign (for negative numbers)
PL	Plus sign (for positive numbers)
SG	Plus/minus sign (for positive and negative numbers)
EEEE	Scientific notation



CONVERSION TO NUMBER

TO_NUMBER function converts a string to a number

Example

```
SELECT TO_NUMBER ('1210.73', '9999.99');
```

```
SELECT TO_NUMBER ('$1,210.73', 'L9,999.99');
```

