

SQL Server Data Types

Exact Numerics

bit	decimal
tinyint	money
smallint	numeric

bigint

Approximate Numerics

float	real
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Date and Time

smalldatetime	timestamp
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datetime

Strings

char	text
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varchar

Unicode Strings

nchar	ntext
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nvarchar

Binary Strings

binary	image
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varbinary

Miscellaneous

cursor	table
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sql_variant	xml
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SQL Server Type Conversion

CAST (expression AS datatype)

CONVERT (datatype, expression)

SQL Server Table Functions

ALTER DROP

CREATE TRUNCATE

SQL Server Grouping (Aggregate)

Functions

AVG MAX

BINARY_CHECKSUM MIN

CHECKSUM SUM

CHECKSUM_AVG STDEV

COUNT STDEVP

COUNT_BIG VAR

GROUPING VARP

SQL Server Ranking Functions

RANK NTILE

DENSE_RANK ROW_NUMBER

SQL Server String Functions

ASCII REPLICATE

CHAR REVERSE

CHARINDEX RIGHT

DIFFERENCE RTRIM

LEFT SOUNDEX

LEN SPACE

LOWER STR

LTRIM STUFF

NCHAR SUBSTRING

PATINDEX UNICODE

REPLACE UPPER

QUOTENAME

SQL Server Date Functions

DATEADD (datepart, number, date)

DATEDIFF (datepart, start, end)

DATENAME (datepart, date)

DATEPART (datepart, date)

DAY (date)

GETDATE()

GETUTCDATE()

MONTH (date)

YEAR (date)

SQL Server Dateparts

yy, yyyy Year

qq, q Quarter

mm, m Month

dy, y Day of Year

dd, d Day

wk, ww Week

hh Hour

mi, n Minute

ss, s Second

ms Millisecond

SQL Server Mathematical Functions

ABS LOG10

ACOS PI

ASIN POWER

ATAN RADIANS

ATN2 RAND

CEILING ROUND

COS SIGN

COT SIN

DEGREES SQUARE

EXP SQRT

FLOOR TAN

LOG



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