Cheatography

SQL Server Cheat Sheet

by Dave Child (DaveChild) via cheatography.com/1/cs/18/

SQL Server Data Types

Exact Numerics	
bit	decimal
tinyint	money
smallint	numeric
bigint	
Approximate Numerics	
float	real
Date and Time	
smalldatetime	timestamp
datetime	
Strings	
char	text
varchar	
Unicode Strings	
nchar	ntext
nvarchar	
Binary Strings	
binary	image
varbinary	
Miscellaneous	
cursor	table
sql_variant	xml

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	



By **Dave Child** (DaveChild)
cheatography.com/davechild/
aloneonahill.com

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