Cheatography

MS SQL Basics Cheat Sheet

by L3Home via cheatography.com/35953/cs/11308/

Dates & Time

Difference	DATEDIFF(interval,date1,date2)
Relative +/-	DATEADD(interval,PosOrNeg#,date)
Date Part String	DATENAME(interval,date)
Date Part Integer	DATEPART(interval,date)
Current DT	GETDATE( )
Quick Part	YEAR(date) / MONTH(date) / DAY(date)
Change Datatype	CAST(date AS type)
Change Format	CONVERT(type,date,style)

Interval

Year	year, yyyy, yy
Quarter	quarter, qq, q
Month	month, mm, m
Day of Year	dayofyear
Day of Month	day, dy, y
Week of Year	week, ww, wk
Day of Week	weekday, dw, w
Hour	hour, hh
Minute	minute, mi, n
Second	second, ss, s
Millisecond	millisecond, ms

Data Types

String Types	CHAR(n)	1-8000
	VARCHAR(n)	1-8000/max
	TEXT	<= 2GB
	NCHAR(n)	1-4000
	NVARCHAR(n)	1-4000/max
	NTEXT	<= 1GB
	BINARY(n)	1-8000
	VARBINARY(n)	1-8000/max
	IMAGE	<= 2GB
Numeric Types	BIT	(0/1/NULL)
	TINYINT	0-255
	SMALLINT	-32k-32k
	INT	-2B-2B
	BIGINT	-19-19 #s
	DECIMAL(n,d)	1-18,0-X

By **L3Home**
cheatography.com/l3home/

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