

SQL Server Cheat Sheet								
Dateparts		System Data Types			Mathematical Functions		String Functions	Ranking Functions
Year	yy, yyyy	bigint	-2^63 to 2^63-1	8 Bytes	ABS	ASCII		RANK
Quarter	qq, q	binary			ACOS	CHAR		DENSE_RANK
Month	mm, m	bit			ASIN	CHARINDEX	Char. to find, String to search, [start])	NTILE
Day of Year	dy, y	char			ATAN	DIFFERENCE		ROW_NUMBER
Day	dd, d	cursor			ATN2	LEFT		
Week	wk, ww	datetime	January 1, 1753, through December 31, 9999	2 4 byte integers	CEILING	LEN		Aggregate Functions
Hour	hh	decimal	- 10^38 +1 through 10^38 - 1		COS	LOWER		AVG
Minute	mi, n	float	- 1.79E+308 to -2.23E-308, 0 and 2.23E-308 to 1.79E+308		COT	LTRIM		BINARY_CHECKSUM
Second	ss, s	image			DEGREES	NCHAR		CHECKSUM
Millisecond	ms	int	-2^31 (-2,147,483,648) to 2^31-1 (2,147,483,647)	4 Bytes	EXP	PATINDEX	(Pattern, Expression)	CHECKSUM_AVG
Day Of Week	dw	money	-922,337,203,685,477.5808 to 922,337,203,685,477.5807	8 Bytes	FLOOR	REPLACE	(String, Substring, Replacement)	COUNT
Date Functions		nchar			LOG	QUOTENAME		COUNT_BIG
DATEADD (datepart, number, date)		ntext			LOG10	REPLICATE		GROUPING
DATEDIFF (datepart, start, end)		numeric	Equiv. to decimal		PI	REVERSE		MAX
DATENAME (datepart, date)		nvarchar			POWER	RIGHT		MIN
DATEPART (datepart, date)		real	- 3.40E + 38 to -1.18E - 38, 0 and 1.18E - 38 to 3.40E + 38 (Equiv. to Float(24))	4 Bytes	RADIANS	RTRIM		SUM
DAY (date)		smalldatetime	January 1, 1900, through June 6, 2079	2 2 byte integers	RAND	SOUNDEX		STDEV
GETDATE ()		smallint	-2^15 (-32,768) to 2^15-1 (32,767)	2 Bytes	ROUND	SPACE		STDDEV
GETUTCDATE ()		smallmoney	- 214,748.3648 to 214,748.3647	4 Bytes	SIGN	STR		VAR
MONTH (date)		sql_variant			SIN	STUFF		VARP
YEAR (date)		table			SQUARE	SUBSTRING	(String, Start, Length)	
		text			SQRT	UNICODE		
Convert Date Style Codes		timestamp			TAN	UPPER		
	mon dd yyyy hh:miAM (or PM)	tinyint	0 to 255	1 Byte				
	101 mm\dd\yyyy	varbinary			Syntax			
	103 dd/mm/yy	varchar			row_number() over(order by [Column])			
	120 yyyy-mm-dd hh:mi:ss	uniqueidentifier						
Convert(Datatype, Date, Style)		xml			declare CursorName cursor local fast_forward for {Select}			
		Date						
		Time						
		DateTime2	Accurate to 100 nanoseconds - 1/1/1 to 12/31/9999		open CursorName			
		DateTimeOffset			fetch next from Diff_Cursor into @ColumnA, @ColumnB			
		Geometry			while @@FETCH_STATUS = 0			
		Geography			begin			
		HierarchyId			{Work}			
					fetch next from Diff_Cursor into @ColumnA, @ColumnB			
					end			
					close CursorName			
					deallocate CursorName			