

String Functions	Date Functions	Create a Stored Procedure
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	DATEADD (datepart, number, date) DATEDIFF (datepart, start, end) DATENAME (datepart, date) DATEPART (datepart, date) DAY (date) GETDATE() GETUTCDATE() MONTH (date) YEAR (date)	CREATE PROCEDURE name @variable AS datatype = value AS -- Comments SELECT * FROM table GO
	Dateparts	Create a Trigger
	Year yy, yyyy Quarter qq, q Month mm, m Day of Year dy, y Day dd, d Week wk, ww Hour hh Minute mi, n Second ss, s Millisecond ms	CREATE TRIGGER name ON table FOR DELETE, INSERT, UPDATE AS -- Comments SELECT * FROM table GO
		Create a View
		CREATE VIEW name AS -- Comments SELECT * FROM table GO
Type Conversion	Mathematical Functions	Create an Index
CAST (expression AS datatype) CONVERT (datatype, expression)	ABS LOG10 ACOS PI ASIN POWER ATAN RADIANS ATN2 RAND CEILING ROUND COS SIGN COT SIN DEGREES SQUARE EXP SQRT FLOOR TAN LOG	CREATE UNIQUE INDEX name ON table (columns)
Ranking Functions		Create a Function
RANK NTILE DENSE_RANK ROW_NUMBER		CREATE FUNCTION name (@variable datatype(length)) RETURNS datatype(length) AS BEGIN DECLARE @return datatype(length) SELECT @return = CASE @variable WHEN 'a' THEN 'return a' WHEN 'b' THEN 'return b' ELSE 'return c' RETURN @return END
Grouping (Aggregate) Functions	String Functions	
AVG MAX BINARY_CHECKSUM MIN CHECKSUM SUM CHECKSUM_AVG STDEV COUNT STDEVP COUNT_BIG VAR GROUPING VARP	ASCII REPLICATE CHAR REVERSE CHARINDEX RIGHT DIFFERENCE RTRIM LEFT SOUNDEX LEN SPACE LOWER STR LTRIM STUFF NCHAR SUBSTRING PATINDEX UNICODE REPLACE UPPER QUOTENAME	
Table Functions		
ALTER DROP CREATE TRUNCATE		