

Function Returns	Syntax	Datatype	Result example
Calendar Year	YEAR( <i>datetime_column</i> )	INT	2015
Calendar Quarter	DATEPART(q, <i>datetime_column</i> )	INT	2
Calendar Day of the Year	DATEPART(dy, <i>datetime_column</i> )	INT	365
Calendar Month Number	DATEPART(m, <i>datetime_column</i> )	INT	12
Calendar Month Name	DATENAME(MONTH, <i>datetime_column</i> )	STRING	February
Calendar Short Month Name	LEFT(DATENAME(month, <i>datetime_column</i> ), 3)	STRING	Feb
First of day in Month	DATEADD(m, DATEDIFF(m, 0, <i>datetime_column</i> ), 0)	DateTime	2010-01-01 00:00:00.000
ISO Week Number	DATEPART(ISOWK, <i>datetime_column</i> )	INT	42
Day Name in Week	DATENAME(WEEKDAY, <i>datetime_column</i> )	STRING	Friday
Short Day Name in Week	LEFT(DATENAME(WEEKDAY, <i>datetime_column</i> ), 3)	STRING	Fri
Day with Time Removed	CAST( <i>datetime_column</i> as date)	DateTime	2010-01-01
Calendar Day in Week	DATEPART(WEEKDAY, <i>datetime_column</i> )	INT	5
Calendar Day in Month	DATEPART(d, <i>datetime_column</i> )	INT	25
Boolean Weekend	CASE DATEPART(WEEKDAY, <i>datetime_column</i> ) WHEN 1 THEN 1 WHEN 7 THEN 1 ELSE 0 END	INT	1 = True, 0 = False
Hour in Day (24)	DATEPART(HOUR, <i>datetime_column</i> )	INT	13
Minute in Hour	DATEPART(MINUTE, <i>datetime_column</i> )	INT	56
Second in Minute	DATEPART(SECOND, <i>datetime_column</i> )	INT	42
Fiscal Quarter (July - June)	<pre> CASE WHEN MONTH(<i>datetime_column</i>) BETWEEN 1 AND 3 THEN 'FY' + convert(char(4), YEAR(<i>datetime_column</i>) - 0) + '-' + 'Q3' WHEN MONTH(<i>datetime_column</i>) BETWEEN 4 AND 6 THEN 'FY' + convert(char(4), YEAR(<i>datetime_column</i>) - 0) + '-' + 'Q4' WHEN MONTH(<i>datetime_column</i>) BETWEEN 7 AND 9 THEN 'FY' + convert(char(4), YEAR(<i>datetime_column</i>) + 1) + '-' + 'Q1' WHEN MONTH(<i>datetime_column</i>) BETWEEN 10 AND 12 THEN 'FY' + convert(char(4), YEAR(<i>datetime_column</i>) + 1) + '-' + 'Q2' END </pre>	STRING	FY2009-Q4
Fiscal Quarter (October - September)	<pre> CASE WHEN MONTH(<i>datetime_column</i>) BETWEEN 1 AND 3 THEN 'FY' + convert(char(4), YEAR(<i>datetime_column</i>) - 0) + '-' + 'Q2' WHEN MONTH(<i>datetime_column</i>) BETWEEN 4 AND 6 THEN 'FY' + convert(char(4), YEAR(<i>datetime_column</i>) - 0) + '-' + 'Q3' WHEN MONTH(<i>datetime_column</i>) BETWEEN 7 AND 9 THEN 'FY' + convert(char(4), YEAR(<i>datetime_column</i>) - 0) + '-' + 'Q4' WHEN MONTH(<i>datetime_column</i>) BETWEEN 10 AND 12 THEN 'FY' + convert(char(4), YEAR(<i>datetime_column</i>) + 1) + '-' + 'Q1' END </pre>	STRING	FY2009-Q4
Difference between Dates (in Days)	DATEDIFF(DAY, <i>datetime_column_2</i> , <i>datetime_column_1</i> )	INT	36