DECLARE @FirstDate DATE

DECLARE @LastDate DATE

DECLARE @FiscalStart INT

SET @FirstDate = '1 Jan 2008' -- Enter first date of calendar as 'dd mmm yyyy'

SET @LastDate = '31 Dec 2015' -- Enter last date of calendar as 'dd mmm yyyy'

SET @FiscalStart = 4 -- First calendar period of Fical Year - 1=Jan, 2=Feb...., 12=Dec

IF @FirstDate IS NULL OR @FirstDate = ''

BEGIN

SET @FirstDate = '1 Jan 2000'

END

IF @LastDate IS NULL OR @LastDate = ''

OR @LastDate < @FirstDate

OR DATEDIFF(DAY, @FirstDate, @LastDate) > 10000

BEGIN

SET @LastDate = DATEADD(DAY, 10000, @FirstDate)

END

;WITH CTE\_DatesTable

AS

(

SELECT @FirstDate AS [Date]

UNION ALL

SELECT DATEADD(DAY, 1, [Date])

FROM CTE\_DatesTable

WHERE DATEADD(DAY, 1, [Date]) <= @LastDate

)

SELECT

Date,

DATEPART(DAYOFYEAR, Date) AS DayOfYear,

DATEPART(DAY, Date) AS Day,

DATEPART(MONTH, Date) AS Month,

DATEPART(YEAR, Date) AS Year,

DATENAME(WEEKDAY, Date) AS DayOfWeek,

LEFT(DATENAME(WEEKDAY, Date),3) AS DayOfWeekAbr,

DATEPART(WEEK, Date) AS WeekOfYear,

DATEPART(QUARTER, Date) AS Quarter,

DATENAME(MONTH, Date) AS MonthName,

LEFT(DATENAME(MM, Date),3) AS MonthNameAbr,

DATEADD(DAY, -1, DATEADD(MONTH, 1, DATEADD(DAY, (DATEPART(DAY,

DATE) \* -1) +1, Date))) AS MonthEndDate,

DATEADD(DAY, -1, DATEADD(MONTH, 1 + 12 - (DATEPART(MONTH, DATE)

- @FiscalStart + 1 + CASE WHEN @FiscalStart > DATEPART(MONTH, DATE)

THEN 12 ELSE 0 END), DATEADD(DAY, (DATEPART(DAY, DATE) \* -1) +1,

Date))) AS YearEndDate,

DATEPART(MONTH, DATE) - @FiscalStart + 1 +

CASE WHEN @FiscalStart > DATEPART(MONTH, DATE) THEN 12

ELSE 0 END AS FiscalPeriod,

YEAR(DATEADD(DAY, -1, DATEADD(MONTH, 1 + 12 - (DATEPART(MONTH,

DATE) - @FiscalStart + 1 + CASE WHEN @FiscalStart >

DATEPART(MONTH, DATE) THEN 12 ELSE 0 END), DATEADD(DAY,

(DATEPART(DAY, DATE) \* -1) +1, Date))))

AS FiscalYearEnd,

CASE DATEPART(MONTH, DATE) - @FiscalStart + 1 + CASE WHEN

@FiscalStart > DATEPART(MONTH, DATE) THEN 12 ELSE 0 END

WHEN 1 THEN 1

WHEN 2 THEN 1

WHEN 3 THEN 1

WHEN 4 THEN 2

WHEN 5 THEN 2

WHEN 6 THEN 2

WHEN 7 THEN 3

WHEN 8 THEN 3

WHEN 9 THEN 3

WHEN 10 THEN 4

WHEN 11 THEN 4

WHEN 12 THEN 4

END AS FiscalQuarter

FROM

CTE\_DatesTable

OPTION (MAXRECURSION 10000)