drop table #yt

CREATE TABLE #yt

(

[Store] int,

[Week] int,

[xCount] int,

isactive tinyint

);

INSERT INTO #yt

(

[Store],

[Week], [xCount] , isactive

)

VALUES

(102, 1, 96,1),

(101, 1, 138,0),

(105, 1, 37,1),

(109, 1, 59, 1),

(101, 2, 282, 0),

(102, 2, 212, 0),

(105, 2, 78, 1),

(109, 2, 97, 1),

(105, 3, 60, 1),

(102, 3, 123, 1),

(101, 3, 220, 0),

(101, 0, 220, 1),

(101, 0, 220, 1),

(109, 3, 87, 1);

select \*

from

(

select store, week, xCount

from #yt

where isactive = 1

) src

pivot

(

sum(xcount)

for week in ([1], [2], [3], [0])

) piv;

select \* from #yt

alter PROCEDURE [dbo].[USP\_DYNAMIC\_PIVOT]

(

@STATIC\_COLUMN VARCHAR(255),

@PIVOT\_COLUMN VARCHAR(255),

@VALUE\_COLUMN VARCHAR(255),

@TABLE VARCHAR(255),

@AGGREGATE VARCHAR(20) = null

)

AS

BEGIN

SET NOCOUNT ON;

declare @AVAIABLE\_TO\_PIVOT NVARCHAR(MAX),

@SQLSTRING NVARCHAR(MAX),

@PIVOT\_SQL\_STRING NVARCHAR(MAX),

@TEMPVARCOLUMNS NVARCHAR(MAX),

@TABLESQL NVARCHAR(MAX)

if isnull(@AGGREGATE,'') = ''

begin

SET @AGGREGATE = 'MAX'

end

SET @PIVOT\_SQL\_STRING = 'SELECT top 1 STUFF((SELECT distinct '', '' + CAST(''[''+CONVERT(VARCHAR,'+ @PIVOT\_COLUMN+')+'']'' AS VARCHAR(50)) [text()]

FROM '+@TABLE+'

WHERE ISNULL('+@PIVOT\_COLUMN+','''') <> ''''

FOR XML PATH(''''), TYPE)

.value(''.'',''NVARCHAR(MAX)''),1,2,'' '') as PIVOT\_VALUES

from '+@TABLE+' ma

ORDER BY ' + @PIVOT\_COLUMN + ''

declare @TAB AS TABLE(COL NVARCHAR(MAX) )

INSERT INTO @TAB EXEC SP\_EXECUTESQL @PIVOT\_SQL\_STRING, @AVAIABLE\_TO\_PIVOT

SET @AVAIABLE\_TO\_PIVOT = (SELECT \* FROM @TAB)

SET @TEMPVARCOLUMNS = (SELECT replace(@AVAIABLE\_TO\_PIVOT,',',' nvarchar(255) null,') + ' nvarchar(255) null')

SET @SQLSTRING = 'DECLARE @RETURN\_TABLE TABLE ('+@STATIC\_COLUMN+' NVARCHAR(255) NULL,'+@TEMPVARCOLUMNS+')

INSERT INTO @RETURN\_TABLE('+@STATIC\_COLUMN+','+@AVAIABLE\_TO\_PIVOT+')

select \* from (

SELECT ' + @STATIC\_COLUMN + ' , ' + @PIVOT\_COLUMN + ', ' + @VALUE\_COLUMN + ' FROM '+@TABLE+' Where isactive=1) a

PIVOT

(

'+@AGGREGATE+'('+@VALUE\_COLUMN+')

FOR '+@PIVOT\_COLUMN+' IN ('+@AVAIABLE\_TO\_PIVOT+')

) piv

SELECT \* FROM @RETURN\_TABLE'

EXEC SP\_EXECUTESQL @SQLSTRING

END

drop table ##temp

create table ##temp

(

date datetime,

category varchar(3),

amount money,

isactive tinyint

)

insert into ##temp values ('2/10/2012', 'DEF', 700.00, 1)

insert into ##temp values ('1/1/2012', 'ABC', 1000.00, 0)

insert into ##temp values ('1/1/2012', 'ABC', 2000.00, 1) -- added

insert into ##temp values ('2/1/2012', 'DEF', 500.00, 1)

insert into ##temp values ('2/1/2012', 'DEF', 1500.00, 0) -- added

insert into ##temp values ('2/1/2012', 'GHI', 800.00,0)

insert into ##temp values ('2/10/2012', 'DEF', 700.00, 1)

insert into ##temp values ('2/10/2012', 'DEF', 800.00, 1) -- addded

insert into ##temp values ('3/1/2012', 'ABC', 1100.00, 0)

insert into ##temp values ('2/10/2012', 'AAA', 700.00, 1)

insert into ##temp values ('2/10/2012', 'BAA', 700.00, 1)

exec [dbo].[USP\_DYNAMIC\_PIVOT] 'date','category','amount','##temp','sum'

exec [dbo].[USP\_DYNAMIC\_PIVOT] 'month','wc','[LoggedTech]','CurrentHC','sum'

select \* from ##temp