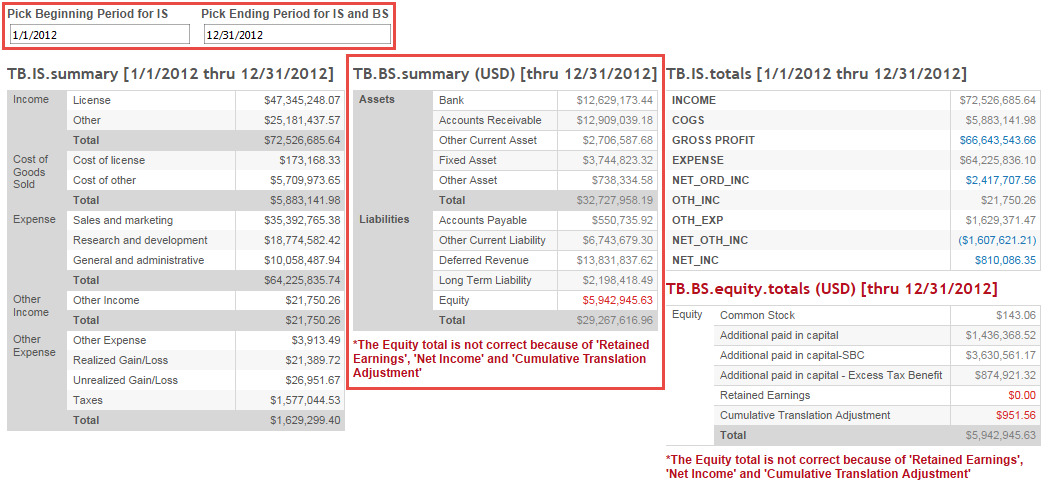
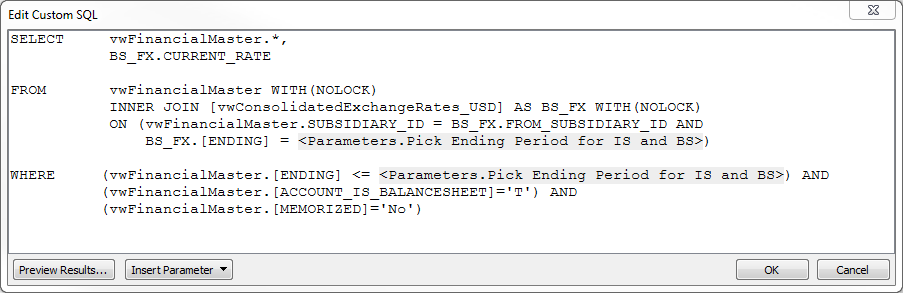
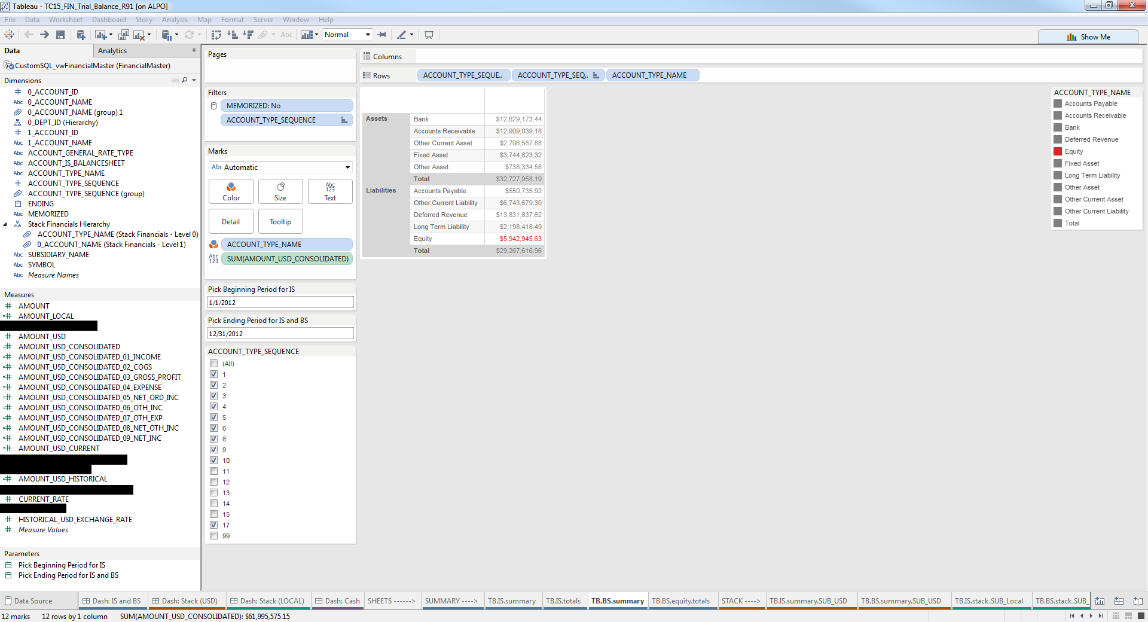
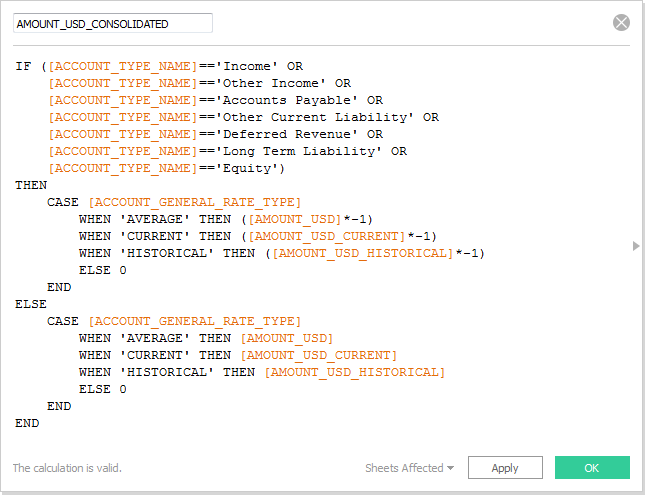
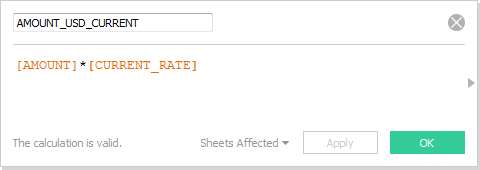
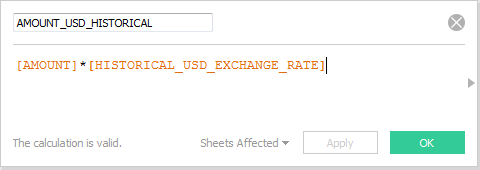
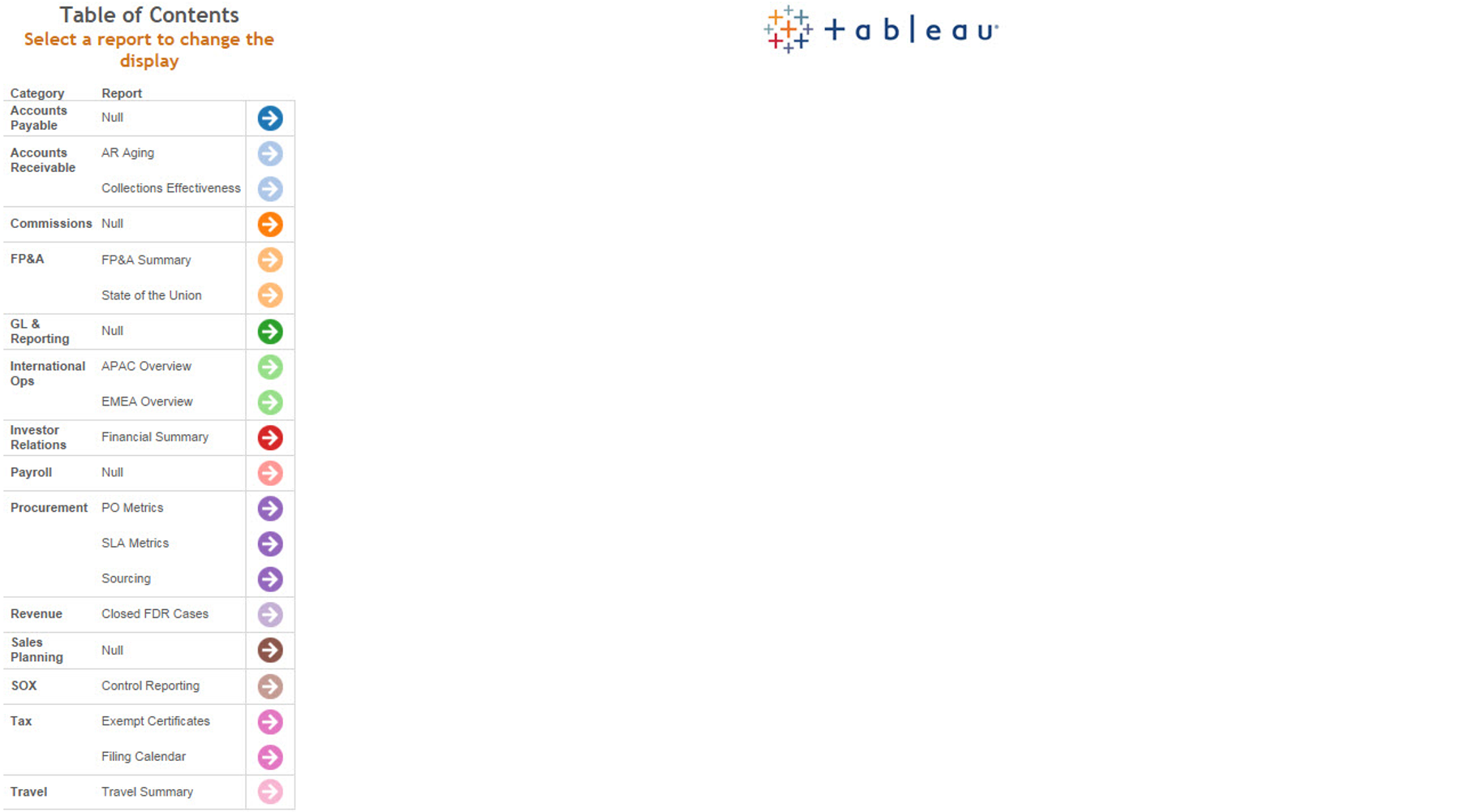
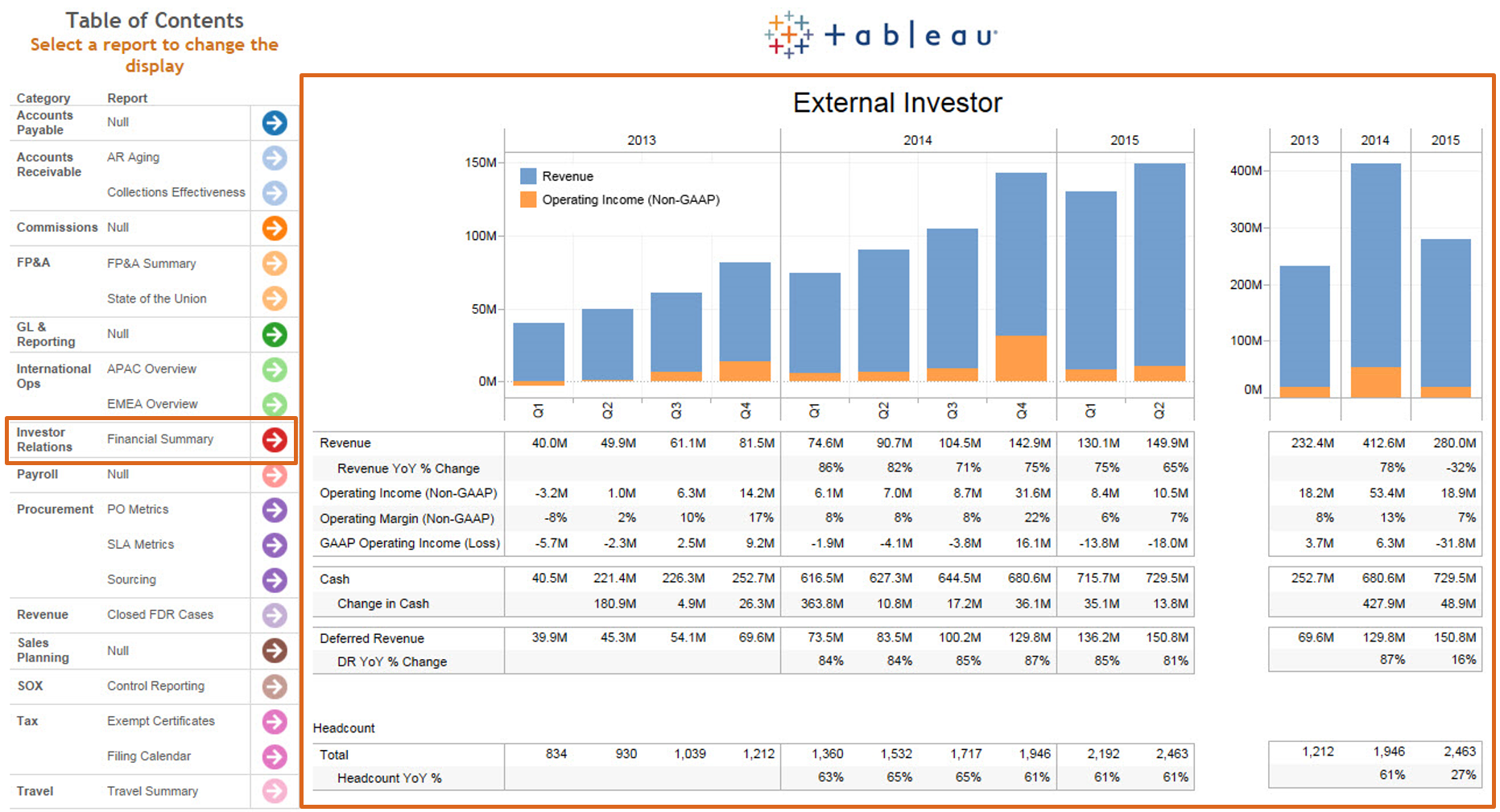
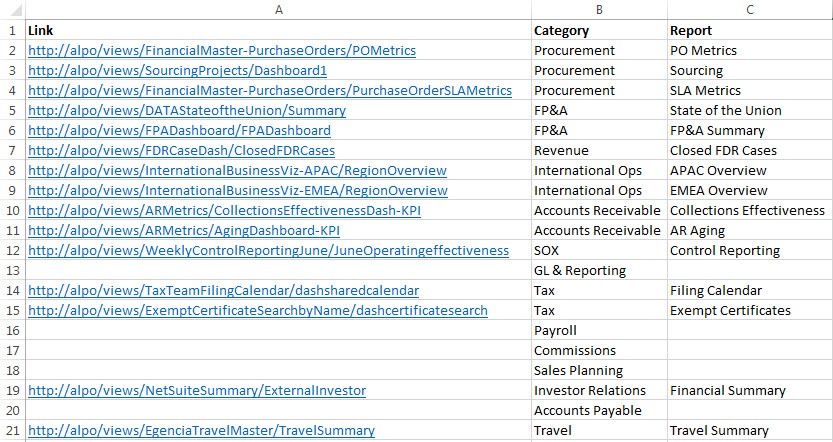
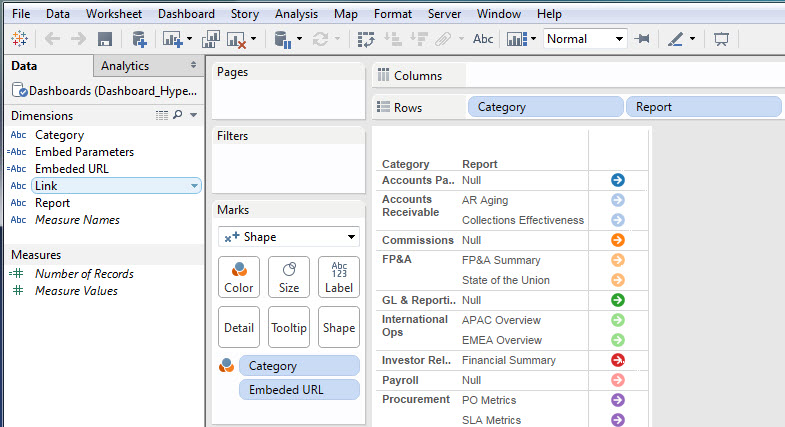
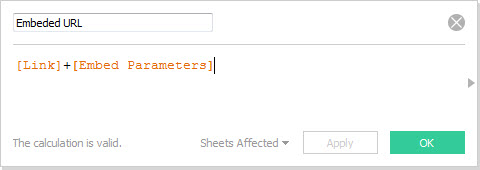
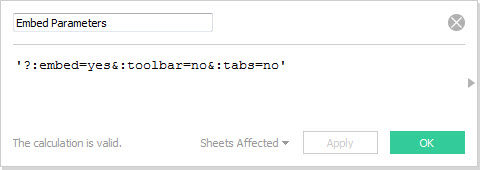
**Financial Data Analysis**

**BONUS MATERIALS**

1. **Bonus Material: Balance Sheet**
   1. Most people aren’t going to create a BS in Tableau, but as this document shows, it can “almost” be done if you have good structured finance data. Depending on your data, you probably won’t be able to complete the Equity Section of the balance sheet because of retained earnings, net income and cumulative translation adjustments. These values aren’t often stored in transactions.  
      
   2. How to build the BS Data Source. Note: The parameter used to pick the ending period is necessary so that the transaction amounts can be re-evaluated based on the latest period’s consolidated exchange rates. If all of your data is in a single currency, you won’t have to adjust the transactions for the currencies rates of each subsidiary.   
      
   3. How to build the BS sheet.  
      
   4. How the BS totals work.



1. **Bonus Material: Dash of Dashboards**
   1. Now that you have all of these awesome dashboards for your executives, how can you help them find them?
   2. You can create special projects on tableau server, you could imbed the dashboard from tableau server into a company portal, you can send them emails
   3. or…you can create a Table of Contents, but I like to call it ‘Dashboards of Dashboards‘.
   4. Dashboard before selection  
      
   5. Dashboard after selection  
      
   6. How did we do it?  
        
        
        
        
      

**APPENDIX**

**Account Hierarchy (Levels 0 thru 4)**

QRY\_LEVEL\_account\_0

SELECT tbl\_NetSuite\_Accounts.EXTRACT\_DATE, tbl\_NetSuite\_Accounts.TYPE\_NAME, 0 AS 0\_ACCOUNT\_LEVEL, 0 AS 0\_ACCOUNT\_PARENT\_ID, tbl\_NetSuite\_Accounts.ACCOUNT\_ID AS 0\_ACCOUNT\_ID, tbl\_NetSuite\_Accounts.NAME AS 0\_ACCOUNT\_NAME, 0 AS 1\_ACCOUNT\_LEVEL, 0 AS 1\_ACCOUNT\_PARENT\_ID, tbl\_NetSuite\_Accounts.ACCOUNT\_ID AS 1\_ACCOUNT\_ID, tbl\_NetSuite\_Accounts.Name AS 1\_ACCOUNT\_NAME, 0 AS 2\_ACCOUNT\_LEVEL, 0 AS 2\_ACCOUNT\_PARENT\_ID, tbl\_NetSuite\_Accounts.ACCOUNT\_ID AS 2\_ACCOUNT\_ID, tbl\_NetSuite\_Accounts.Name AS 2\_ACCOUNT\_NAME, 0 AS 3\_ACCOUNT\_LEVEL, 0 AS 3\_ACCOUNT\_PARENT\_ID, tbl\_NetSuite\_Accounts.ACCOUNT\_ID AS 3\_ACCOUNT\_ID, tbl\_NetSuite\_Accounts.Name AS 3\_ACCOUNT\_NAME, 0 AS 4\_ACCOUNT\_LEVEL, 0 AS 4\_ACCOUNT\_PARENT\_ID, tbl\_NetSuite\_Accounts.ACCOUNT\_ID AS 4\_ACCOUNT\_ID, tbl\_NetSuite\_Accounts.Name AS 4\_ACCOUNT\_NAME

**FROM tbl\_NetSuite\_Accounts**

**WHERE (((tbl\_NetSuite\_Accounts.PARENT\_ID) Is Null));**

QRY\_LEVEL\_account\_1

SELECT tbl\_NetSuite\_Accounts.EXTRACT\_DATE, tbl\_NetSuite\_Accounts.TYPE\_NAME, qry\_level\_account\_0.[0\_ACCOUNT\_LEVEL], qry\_level\_account\_0.[0\_ACCOUNT\_PARENT\_ID], qry\_level\_account\_0.[0\_ACCOUNT\_ID], qry\_level\_account\_0.[0\_ACCOUNT\_NAME], 1 AS 1\_ACCOUNT\_LEVEL, tbl\_NetSuite\_Accounts.PARENT\_ID AS 1\_ACCOUNT\_PARENT\_ID, tbl\_NetSuite\_Accounts.ACCOUNT\_ID AS 1\_ACCOUNT\_ID, tbl\_NetSuite\_Accounts.NAME AS 1\_ACCOUNT\_NAME, 1 AS 2\_ACCOUNT\_LEVEL, tbl\_NetSuite\_Accounts.PARENT\_ID AS 2\_ACCOUNT\_PARENT\_ID, tbl\_NetSuite\_Accounts.ACCOUNT\_ID AS 2\_ACCOUNT\_ID, tbl\_NetSuite\_Accounts.name AS 2\_ACCOUNT\_NAME, 1 AS 3\_ACCOUNT\_LEVEL, tbl\_NetSuite\_Accounts.PARENT\_ID AS 3\_ACCOUNT\_PARENT\_ID, tbl\_NetSuite\_Accounts.ACCOUNT\_ID AS 3\_ACCOUNT\_ID, tbl\_NetSuite\_Accounts.name AS 3\_ACCOUNT\_NAME, 1 AS 4\_ACCOUNT\_LEVEL, tbl\_NetSuite\_Accounts.PARENT\_ID AS 4\_ACCOUNT\_PARENT\_ID, tbl\_NetSuite\_Accounts.ACCOUNT\_ID AS 4\_ACCOUNT\_ID, tbl\_NetSuite\_Accounts.Name AS 4\_ACCOUNT\_NAME

**FROM tbl\_NetSuite\_Accounts INNER JOIN qry\_level\_account\_0 ON tbl\_NetSuite\_Accounts.PARENT\_ID = qry\_level\_account\_0.[0\_ACCOUNT\_ID];**

QRY\_LEVEL\_account\_2

SELECT tbl\_NetSuite\_Accounts.EXTRACT\_DATE, tbl\_NetSuite\_Accounts.TYPE\_NAME, qry\_level\_account\_1.[0\_ACCOUNT\_LEVEL], qry\_level\_account\_1.[0\_ACCOUNT\_PARENT\_ID], qry\_level\_account\_1.[0\_ACCOUNT\_ID], qry\_level\_account\_1.[0\_ACCOUNT\_NAME], qry\_level\_account\_1.[1\_ACCOUNT\_LEVEL], qry\_level\_account\_1.[1\_ACCOUNT\_PARENT\_ID], qry\_level\_account\_1.[1\_ACCOUNT\_ID], qry\_level\_account\_1.[1\_ACCOUNT\_NAME], 2 AS 2\_ACCOUNT\_LEVEL, tbl\_NetSuite\_Accounts.PARENT\_ID AS 2\_ACCOUNT\_PARENT\_ID, tbl\_NetSuite\_Accounts.ACCOUNT\_ID AS 2\_ACCOUNT\_ID, tbl\_NetSuite\_Accounts.NAME AS 2\_ACCOUNT\_NAME, 2 AS 3\_ACCOUNT\_LEVEL, tbl\_NetSuite\_Accounts.PARENT\_ID AS 3\_ACCOUNT\_PARENT\_ID, tbl\_NetSuite\_Accounts.ACCOUNT\_ID AS 3\_ACCOUNT\_ID, tbl\_NetSuite\_Accounts.name AS 3\_ACCOUNT\_NAME, 2 AS 4\_ACCOUNT\_LEVEL, tbl\_NetSuite\_Accounts.PARENT\_ID AS 4\_ACCOUNT\_PARENT\_ID, tbl\_NetSuite\_Accounts.ACCOUNT\_ID AS 4\_ACCOUNT\_ID, tbl\_NetSuite\_Accounts.name AS 4\_ACCOUNT\_NAME

**FROM tbl\_NetSuite\_Accounts INNER JOIN qry\_level\_account\_1 ON tbl\_NetSuite\_Accounts.PARENT\_ID = qry\_level\_account\_1.[1\_ACCOUNT\_ID];**

QRY\_LEVEL\_account\_3

SELECT tbl\_NetSuite\_Accounts.EXTRACT\_DATE, tbl\_NetSuite\_Accounts.TYPE\_NAME, qry\_level\_account\_2.[0\_ACCOUNT\_LEVEL], qry\_level\_account\_2.[0\_ACCOUNT\_PARENT\_ID], qry\_level\_account\_2.[0\_ACCOUNT\_ID], qry\_level\_account\_2.[0\_ACCOUNT\_NAME], qry\_level\_account\_2.[1\_ACCOUNT\_LEVEL], qry\_level\_account\_2.[1\_ACCOUNT\_PARENT\_ID], qry\_level\_account\_2.[1\_ACCOUNT\_ID], qry\_level\_account\_2.[1\_ACCOUNT\_NAME], qry\_level\_account\_2.[2\_ACCOUNT\_LEVEL], qry\_level\_account\_2.[2\_ACCOUNT\_PARENT\_ID], qry\_level\_account\_2.[2\_ACCOUNT\_ID], qry\_level\_account\_2.[2\_ACCOUNT\_NAME], 3 AS 3\_ACCOUNT\_LEVEL, tbl\_NetSuite\_Accounts.PARENT\_ID AS 3\_ACCOUNT\_PARENT\_ID, tbl\_NetSuite\_Accounts.ACCOUNT\_ID AS 3\_ACCOUNT\_ID, tbl\_NetSuite\_Accounts.NAME AS 3\_ACCOUNT\_NAME, 3 AS 4\_ACCOUNT\_LEVEL, tbl\_NetSuite\_Accounts.PARENT\_ID AS 4\_ACCOUNT\_PARENT\_ID, tbl\_NetSuite\_Accounts.ACCOUNT\_ID AS 4\_ACCOUNT\_ID, tbl\_NetSuite\_Accounts.Name AS 4\_ACCOUNT\_NAME

**FROM tbl\_NetSuite\_Accounts INNER JOIN qry\_level\_account\_2 ON tbl\_NetSuite\_Accounts.PARENT\_ID = qry\_level\_account\_2.[2\_ACCOUNT\_ID];**

QRY\_LEVEL\_account\_4

SELECT tbl\_NetSuite\_Accounts.EXTRACT\_DATE, tbl\_NetSuite\_Accounts.TYPE\_NAME, qry\_level\_account\_3.[0\_ACCOUNT\_LEVEL], qry\_level\_account\_3.[0\_ACCOUNT\_PARENT\_ID], qry\_level\_account\_3.[0\_ACCOUNT\_ID], qry\_level\_account\_3.[0\_ACCOUNT\_NAME], qry\_level\_account\_3.[1\_ACCOUNT\_LEVEL], qry\_level\_account\_3.[1\_ACCOUNT\_PARENT\_ID], qry\_level\_account\_3.[1\_ACCOUNT\_ID], qry\_level\_account\_3.[1\_ACCOUNT\_NAME], qry\_level\_account\_3.[2\_ACCOUNT\_LEVEL], qry\_level\_account\_3.[2\_ACCOUNT\_PARENT\_ID], qry\_level\_account\_3.[2\_ACCOUNT\_ID], qry\_level\_account\_3.[2\_ACCOUNT\_NAME], qry\_level\_account\_3.[3\_ACCOUNT\_LEVEL], qry\_level\_account\_3.[3\_ACCOUNT\_PARENT\_ID], qry\_level\_account\_3.[3\_ACCOUNT\_ID], qry\_level\_account\_3.[3\_ACCOUNT\_NAME], 4 AS 4\_ACCOUNT\_LEVEL, tbl\_NetSuite\_Accounts.PARENT\_ID AS 4\_ACCOUNT\_PARENT\_ID, tbl\_NetSuite\_Accounts.ACCOUNT\_ID AS 4\_ACCOUNT\_ID, tbl\_NetSuite\_Accounts.NAME AS 4\_ACCOUNT\_NAME

**FROM tbl\_NetSuite\_Accounts INNER JOIN qry\_level\_account\_3 ON tbl\_NetSuite\_Accounts.PARENT\_ID = qry\_level\_account\_3.[3\_ACCOUNT\_ID];**

qry\_UNION\_account\_hierarchy

SELECT \* FROM QRY\_LEVEL\_account\_4

UNION ALL SELECT \* FROM QRY\_LEVEL\_account\_3

UNION ALL SELECT \* FROM QRY\_LEVEL\_account\_2

UNION ALL SELECT \* FROM QRY\_LEVEL\_account\_1

UNION ALL SELECT \* FROM QRY\_LEVEL\_account\_0;

**Department Hierarchy (Levels 0 thru 4)**

QRY\_LEVEL\_dept\_0

SELECT tbl\_NetSuite\_Departments.DEPT\_EXTRACT\_DATE, 0 AS 0\_DEPT\_LEVEL, 0 AS 0\_DEPT\_PARENT\_ID, tbl\_NetSuite\_Departments.DEPARTMENT\_ID AS 0\_DEPT\_ID, tbl\_NetSuite\_Departments.NAME AS 0\_DEPT\_NAME, IIf(IsNull([DEPT NAME]),[NAME],[DEPT NAME]) AS **[0\_DEPT\_FULL\_NAME]**, 0 AS 1\_DEPT\_LEVEL, 0 AS 1\_DEPT\_PARENT\_ID, tbl\_NetSuite\_Departments.DEPARTMENT\_ID AS 1\_DEPT\_ID, tbl\_NetSuite\_Departments.Name AS 1\_DEPT\_NAME, **[0\_DEPT\_FULL\_NAME]** AS **[1\_DEPT\_FULL\_NAME]**, 0 AS 2\_DEPT\_LEVEL, 0 AS 2\_DEPT\_PARENT\_ID, tbl\_NetSuite\_Departments.DEPARTMENT\_ID AS 2\_DEPT\_ID, tbl\_NetSuite\_Departments.Name AS 2\_DEPT\_NAME, **[1\_DEPT\_FULL\_NAME]** AS **[2\_DEPT\_FULL\_NAME]**, 0 AS 3\_DEPT\_LEVEL, 0 AS 3\_DEPT\_PARENT\_ID, tbl\_NetSuite\_Departments.DEPARTMENT\_ID AS 3\_DEPT\_ID, tbl\_NetSuite\_Departments.Name AS 3\_DEPT\_NAME, **[2\_DEPT\_FULL\_NAME]** AS **[3\_DEPT\_FULL\_NAME]**, 0 AS 4\_DEPT\_LEVEL, 0 AS 4\_DEPT\_PARENT\_ID, tbl\_NetSuite\_Departments.DEPARTMENT\_ID AS 4\_DEPT\_ID, tbl\_NetSuite\_Departments.Name AS 4\_DEPT\_NAME, **[3\_DEPT\_FULL\_NAME]** AS 4\_DEPT\_FULL\_NAME

**FROM tbl\_NetSuite\_Departments**

**WHERE (((tbl\_NetSuite\_Departments.PARENT\_ID) Is Null));**

QRY\_LEVEL\_dept\_1

SELECT tbl\_NetSuite\_Departments.DEPT\_EXTRACT\_DATE, qry\_level\_dept\_0.[0\_DEPT\_LEVEL], qry\_level\_dept\_0.[0\_DEPT\_PARENT\_ID], qry\_level\_dept\_0.[0\_DEPT\_ID], qry\_level\_dept\_0.[0\_DEPT\_NAME], qry\_level\_dept\_0.[0\_DEPT\_FULL\_NAME], 1 AS 1\_DEPT\_LEVEL, tbl\_NetSuite\_Departments.PARENT\_ID AS 1\_DEPT\_PARENT\_ID, tbl\_NetSuite\_Departments.DEPARTMENT\_ID AS 1\_DEPT\_ID, tbl\_NetSuite\_Departments.Name AS 1\_DEPT\_NAME, IIf(IsNull([DEPT NAME]),[NAME],[DEPT NAME]) AS **[1\_DEPT\_FULL\_NAME]**, 1 AS 2\_DEPT\_LEVEL, tbl\_NetSuite\_Departments.PARENT\_ID AS 2\_DEPT\_PARENT\_ID, tbl\_NetSuite\_Departments.DEPARTMENT\_ID AS 2\_DEPT\_ID, tbl\_NetSuite\_Departments.Name AS 2\_DEPT\_NAME, **[1\_DEPT\_FULL\_NAME]** AS **[2\_DEPT\_FULL\_NAME]**, 1 AS 3\_DEPT\_LEVEL, tbl\_NetSuite\_Departments.PARENT\_ID AS 3\_DEPT\_PARENT\_ID, tbl\_NetSuite\_Departments.DEPARTMENT\_ID AS 3\_DEPT\_ID, tbl\_NetSuite\_Departments.Name AS 3\_DEPT\_NAME, **[2\_DEPT\_FULL\_NAME]** AS **[3\_DEPT\_FULL\_NAME]**, 1 AS 4\_DEPT\_LEVEL, tbl\_NetSuite\_Departments.PARENT\_ID AS 4\_DEPT\_PARENT\_ID, tbl\_NetSuite\_Departments.DEPARTMENT\_ID AS 4\_DEPT\_ID, tbl\_NetSuite\_Departments.Name AS 4\_DEPT\_NAME, **[3\_DEPT\_FULL\_NAME]** AS 4\_DEPT\_FULL\_NAME

**FROM tbl\_NetSuite\_Departments INNER JOIN qry\_level\_dept\_0 ON tbl\_NetSuite\_Departments.PARENT\_ID = qry\_level\_dept\_0.[0\_DEPT\_ID];**

QRY\_LEVEL\_dept\_2

SELECT tbl\_NetSuite\_Departments.DEPT\_EXTRACT\_DATE, qry\_level\_dept\_1.[0\_DEPT\_LEVEL], qry\_level\_dept\_1.[0\_DEPT\_PARENT\_ID], qry\_level\_dept\_1.[0\_DEPT\_ID], qry\_level\_dept\_1.[0\_DEPT\_NAME], qry\_level\_dept\_1.[0\_DEPT\_FULL\_NAME], qry\_level\_dept\_1.[1\_DEPT\_LEVEL], qry\_level\_dept\_1.[1\_DEPT\_PARENT\_ID], qry\_level\_dept\_1.[1\_DEPT\_ID], qry\_level\_dept\_1.[1\_DEPT\_NAME], qry\_level\_dept\_1.[1\_DEPT\_FULL\_NAME], 2 AS 2\_DEPT\_LEVEL, tbl\_NetSuite\_Departments.PARENT\_ID AS 2\_DEPT\_PARENT\_ID, tbl\_NetSuite\_Departments.DEPARTMENT\_ID AS 2\_DEPT\_ID, tbl\_NetSuite\_Departments.Name AS 2\_DEPT\_NAME, IIf(IsNull([DEPT NAME]),[NAME],[DEPT NAME]) AS **[2\_DEPT\_FULL\_NAME]**, 2 AS 3\_DEPT\_LEVEL, tbl\_NetSuite\_Departments.PARENT\_ID AS 3\_DEPT\_PARENT\_ID, tbl\_NetSuite\_Departments.DEPARTMENT\_ID AS 3\_DEPT\_ID, tbl\_NetSuite\_Departments.Name AS 3\_DEPT\_NAME, **[2\_DEPT\_FULL\_NAME]** AS **[3\_DEPT\_FULL\_NAME]**, 2 AS 4\_DEPT\_LEVEL, tbl\_NetSuite\_Departments.PARENT\_ID AS 4\_DEPT\_PARENT\_ID, tbl\_NetSuite\_Departments.DEPARTMENT\_ID AS 4\_DEPT\_ID, tbl\_NetSuite\_Departments.Name AS 4\_DEPT\_NAME, **[3\_DEPT\_FULL\_NAME]** AS 4\_DEPT\_FULL\_NAME

**FROM tbl\_NetSuite\_Departments INNER JOIN qry\_level\_dept\_1 ON tbl\_NetSuite\_Departments.PARENT\_ID = qry\_level\_dept\_1.[1\_DEPT\_ID];**

QRY\_LEVEL\_dept\_3

SELECT tbl\_NetSuite\_Departments.DEPT\_EXTRACT\_DATE, qry\_level\_dept\_2.[0\_DEPT\_LEVEL], qry\_level\_dept\_2.[0\_DEPT\_PARENT\_ID], qry\_level\_dept\_2.[0\_DEPT\_ID], qry\_level\_dept\_2.[0\_DEPT\_NAME], qry\_level\_dept\_2.[0\_DEPT\_FULL\_NAME], qry\_level\_dept\_2.[1\_DEPT\_LEVEL], qry\_level\_dept\_2.[1\_DEPT\_PARENT\_ID], qry\_level\_dept\_2.[1\_DEPT\_ID], qry\_level\_dept\_2.[1\_DEPT\_NAME], qry\_level\_dept\_2.[1\_DEPT\_FULL\_NAME], qry\_level\_dept\_2.[2\_DEPT\_LEVEL], qry\_level\_dept\_2.[2\_DEPT\_PARENT\_ID], qry\_level\_dept\_2.[2\_DEPT\_ID], qry\_level\_dept\_2.[2\_DEPT\_NAME], qry\_level\_dept\_2.[2\_DEPT\_FULL\_NAME], 3 AS 3\_DEPT\_LEVEL, tbl\_NetSuite\_Departments.PARENT\_ID AS 3\_DEPT\_PARENT\_ID, tbl\_NetSuite\_Departments.DEPARTMENT\_ID AS 3\_DEPT\_ID, tbl\_NetSuite\_Departments.Name AS 3\_DEPT\_NAME, IIf(IsNull([DEPT NAME]),[NAME],[DEPT NAME]) AS **[3\_DEPT\_FULL\_NAME]**, 3 AS 4\_DEPT\_LEVEL, tbl\_NetSuite\_Departments.PARENT\_ID AS 4\_DEPT\_PARENT\_ID, tbl\_NetSuite\_Departments.DEPARTMENT\_ID AS 4\_DEPT\_ID, tbl\_NetSuite\_Departments.Name AS 4\_DEPT\_NAME, **[3\_DEPT\_FULL\_NAME]** AS 4\_DEPT\_FULL\_NAME

**FROM tbl\_NetSuite\_Departments INNER JOIN qry\_level\_dept\_2 ON tbl\_NetSuite\_Departments.PARENT\_ID = qry\_level\_dept\_2.[2\_DEPT\_ID];**

QRY\_LEVEL\_dept\_4

SELECT tbl\_NetSuite\_Departments.DEPT\_EXTRACT\_DATE, qry\_level\_dept\_3.[0\_DEPT\_LEVEL], qry\_level\_dept\_3.[0\_DEPT\_PARENT\_ID], qry\_level\_dept\_3.[0\_DEPT\_ID], qry\_level\_dept\_3.[0\_DEPT\_NAME], qry\_level\_dept\_3.[0\_DEPT\_FULL\_NAME], qry\_level\_dept\_3.[1\_DEPT\_LEVEL], qry\_level\_dept\_3.[1\_DEPT\_PARENT\_ID], qry\_level\_dept\_3.[1\_DEPT\_ID], qry\_level\_dept\_3.[1\_DEPT\_NAME], qry\_level\_dept\_3.[1\_DEPT\_FULL\_NAME], qry\_level\_dept\_3.[2\_DEPT\_LEVEL], qry\_level\_dept\_3.[2\_DEPT\_PARENT\_ID], qry\_level\_dept\_3.[2\_DEPT\_ID], qry\_level\_dept\_3.[2\_DEPT\_NAME], qry\_level\_dept\_3.[2\_DEPT\_FULL\_NAME], qry\_level\_dept\_3.[3\_DEPT\_LEVEL], qry\_level\_dept\_3.[3\_DEPT\_PARENT\_ID], qry\_level\_dept\_3.[3\_DEPT\_ID], qry\_level\_dept\_3.[3\_DEPT\_NAME], qry\_level\_dept\_3.[3\_DEPT\_FULL\_NAME], 4 AS 4\_DEPT\_LEVEL, tbl\_NetSuite\_Departments.PARENT\_ID AS 4\_DEPT\_PARENT\_ID, tbl\_NetSuite\_Departments.DEPARTMENT\_ID AS 4\_DEPT\_ID, tbl\_NetSuite\_Departments.Name AS 4\_DEPT\_NAME, IIf(IsNull([DEPT NAME]),[NAME],[DEPT NAME]) AS 4\_DEPT\_FULL\_NAME

**FROM tbl\_NetSuite\_Departments INNER JOIN qry\_level\_dept\_3 ON tbl\_NetSuite\_Departments.PARENT\_ID = qry\_level\_dept\_3.[3\_DEPT\_ID];**

qry\_UNION\_dept\_hierarchy

SELECT \* FROM QRY\_LEVEL\_dept\_4

UNION ALL SELECT \* FROM QRY\_LEVEL\_dept\_3

UNION ALL SELECT \* FROM QRY\_LEVEL\_dept\_2

UNION ALL SELECT \* FROM QRY\_LEVEL\_dept\_1

UNION ALL SELECT \* FROM QRY\_LEVEL\_dept\_0;

**Actual + Forecast + Budget Exports**

1. Aggregate the Actuals

SELECT

ap.ENDING,

tl.DEPARTMENT\_ID,

tl.ACCOUNT\_ID,

SUM(CAST((ISNULL(tl.[AMOUNT],0) \* ISNULL(csr.[AVERAGE\_RATE],0)) AS money)) AS ACTUAL\_AMOUNT\_USD

FROM dbo.TRANSACTIONS AS t WITH (NOLOCK)

INNER JOIN dbo.TRANSACTION\_LINES AS tl WITH (NOLOCK)

ON t.TRANSACTION\_ID = tl.TRANSACTION\_ID

INNER JOIN dbo.ACCOUNTING\_PERIODS AS ap WITH (NOLOCK)

ON t.ACCOUNTING\_PERIOD\_ID = ap.ACCOUNTING\_PERIOD\_ID

INNER JOIN dbo.SUBSIDIARIES AS s\_fr WITH (NOLOCK)

ON tl.SUBSIDIARY\_ID = s\_fr.SUBSIDIARY\_ID

INNER JOIN dbo.CONSOLIDATED\_EXCHANGE\_RATES AS csr WITH (NOLOCK)

ON s\_fr.SUBSIDIARY\_ID = csr.FROM\_SUBSIDIARY\_ID

AND ap.ACCOUNTING\_PERIOD\_ID = csr.ACCOUNTING\_PERIOD\_ID

WHERE ap.ENDING IS NOT NULL -- exclude SOs AND POs (and other non-posting transactions)

AND t.MEMORIZED != 'Yes' -- exclude 'memorized' transactions

AND csr.TO\_SUBSIDIARY\_ID = 1 -- only include subsidiary exchange rates to USD

GROUP BY

ap.ENDING,

tl.DEPARTMENT\_ID,

tl.ACCOUNT\_ID ;

1. Aggregate the Budgets

SELECT fft.[SCENARIO] ,

fft.[VERSION] ,

fft.[ENDING] ,

fft.[DEPARTMENT\_ID] ,

fft.[ACCOUNT\_ID] ,

CAST (0 AS money) AS [ACTUAL\_AMOUNT\_USD] ,

SUM(fft.[AMOUNT\_USD]) AS [BUDGET\_AMOUNT\_USD] ,

CAST (0 AS money) AS [FORECAST\_AMOUNT\_USD]

FROM dbo.FINANCE\_Forecast\_Transactions AS fft WITH (NOLOCK)

WHERE SCENARIO = 'Budget'

GROUP BY fft.[SCENARIO] ,

fft.[VERSION] ,

fft.[ENDING] ,

fft.[DEPARTMENT\_ID] ,

fft.[ACCOUNT\_ID] ;

1. Aggregate the Forecasts

SELECT fft.[SCENARIO] ,

fft.[VERSION] ,

fft.[ENDING] ,

fft.[DEPARTMENT\_ID] ,

fft.[ACCOUNT\_ID] ,

CAST (0 AS money) AS [ACTUAL\_AMOUNT\_USD] ,

CAST (0 AS money) AS [BUDGET\_AMOUNT\_USD] ,

SUM(fft.[AMOUNT\_USD]) AS [FORECAST\_AMOUNT\_USD]

FROM dbo.FINANCE\_Forecast\_Transactions AS fft WITH (NOLOCK)

WHERE SCENARIO = 'Forecast'

GROUP BY fft.[SCENARIO] ,

fft.[VERSION] ,

fft.[ENDING] ,

fft.[DEPARTMENT\_ID] ,

fft.[ACCOUNT\_ID] ;

1. Union all three parts together

SELECT

'Actual' AS SCENARIO ,

'Final' AS [VERSION] ,

sa.ENDING ,

sa.DEPARTMENT\_ID ,

sa.ACCOUNT\_ID ,

sa.ACTUAL\_AMOUNT\_USD ,

0 AS BUDGET\_AMOUNT\_USD ,

0 AS FORECAST\_AMOUNT\_USD

FROM dbo.vwSummaryActual AS sa WITH (NOLOCK)

UNION ALL

SELECT

sf.SCENARIO ,

sf.[VERSION] ,

sf.ENDING ,

sf.DEPARTMENT\_ID ,

sf.ACCOUNT\_ID ,

sf.ACTUAL\_AMOUNT\_USD ,

sf.BUDGET\_AMOUNT\_USD ,

sf.FORECAST\_AMOUNT\_USD

FROM dbo.vwSummaryForecast AS sf WITH (NOLOCK)

UNION ALL

SELECT

sb.SCENARIO ,

sb.[VERSION] ,

sb.ENDING ,

sb.DEPARTMENT\_ID ,

sb.ACCOUNT\_ID ,

sb.ACTUAL\_AMOUNT\_USD ,

sb.BUDGET\_AMOUNT\_USD ,

sb.FORECAST\_AMOUNT\_USD

FROM dbo.vwSummaryBudget AS sb WITH (NOLOCK)

1. Bring in our account and department hierarchies

SELECT

su.SCENARIO ,

su.[VERSION] ,

su.ENDING ,

su.DEPARTMENT\_ID ,

su.ACCOUNT\_ID ,

su.ACTUAL\_AMOUNT\_USD ,

su.BUDGET\_AMOUNT\_USD ,

su.FORECAST\_AMOUNT\_USD ,

dh.[0\_DEPT\_ID] ,

dh.[0\_DEPT\_NAME] ,

dh.[0\_DEPT\_FULL\_NAME] ,

dh.[1\_DEPT\_ID] ,

dh.[1\_DEPT\_NAME] ,

dh.[1\_DEPT\_FULL\_NAME] ,

dh.[2\_DEPT\_ID] ,

dh.[2\_DEPT\_NAME] ,

dh.[2\_DEPT\_FULL\_NAME] ,

dh.[3\_DEPT\_ID] ,

dh.[3\_DEPT\_NAME] ,

dh.[3\_DEPT\_FULL\_NAME] ,

dh.[4\_DEPT\_ID] ,

dh.[4\_DEPT\_NAME] ,

dh.[4\_DEPT\_FULL\_NAME] ,

a.[0\_ACCOUNT\_ID] ,

a.[0\_ACCOUNT\_NAME] ,

a.[1\_ACCOUNT\_ID] ,

a.[1\_ACCOUNT\_NAME] ,

a.[2\_ACCOUNT\_ID] ,

a.[2\_ACCOUNT\_NAME] ,

a.[3\_ACCOUNT\_ID] ,

a.[3\_ACCOUNT\_NAME] ,

a.[4\_ACCOUNT\_ID] ,

a.[4\_ACCOUNT\_NAME] ,

a.ACCOUNTNUMBER ,

a.ACCOUNTNUMBER\_1 ,

a.ACCOUNTNUMBER\_2 ,

a.ACCOUNTNUMBER\_3 ,

a.ACCOUNTNUMBER\_4 ,

a.ACCOUNTNUMBER\_5 ,

a.ACCOUNTNUMBER\_3\_NAME ,

a.ACCOUNT\_TYPE\_NAME ,

a.ACCOUNT\_IS\_ALLOCATED\_OVERHEAD ,

a.ACCOUNT\_SPECIAL\_CATEGORY

FROM dbo.vwSummaryUnion AS su WITH (NOLOCK)

INNER JOIN dbo.vwDepartmentHierachy AS dh WITH (NOLOCK)

ON su.DEPARTMENT\_ID = dh.DEPARTMENT\_ID

INNER JOIN dbo.vwAccountHierachy AS a WITH (NOLOCK)

ON su.ACCOUNT\_ID = a.ACCOUNT\_ID

WHERE a.ACCOUNT\_IS\_BALANCESHEET = 'F' ;

**THE END**