Attribute VB\_Name = "Module1"

Sub ManipulatePivotDate()

A\_GetDateRange

B\_GetData

C\_EnterDataIntoAnalysisTable

End Sub

Sub A\_GetDateRange()

Dim masterWb As Workbook

Dim pivotWs As Worksheet

Dim statWs As Worksheet

Dim pt As PivotTable

Dim rng As Range

Dim dateCnt As Integer

Dim clientCnt As Integer

Dim dateArr As String

Dim dateVar As Variant

Dim clientsVar As Variant

Dim eventVar As Variant

Set masterWb = ActiveWorkbook

Set pivotWs = masterWb.Sheets(2)

Set statWs = masterWb.Sheets(3)

Set pt = pivotWs.PivotTables(1)

'PivotField DataRange - dateRange

pivotWs.Activate

pt.PivotFields("Sent").DataRange.Select

Set rng = pt.PivotFields("Sent").DataRange

dateVar = pt.PivotFields("Sent").DataRange.Value

dateCnt = pt.PivotFields("Sent").DataRange.Count

'PivotField DataRange - Client List

pt.PivotFields("Policy").DataRange.Select

clientsVar = pt.PivotFields("Policy").DataRange.Value

clientCnt = pt.PivotFields("Policy").DataRange.Count

'DataBodyRange - Events

pt.DataBodyRange.Select

eventVar = pt.DataBodyRange

Call AddColumnsToStatTable(statWs, dateCnt, dateVar, clientsVar, eventVar)

End Sub

Sub AddColumnsToStatTable(statWs As Worksheet, cnt As Integer, dates, clients, eventVar)

Dim mainCol As Integer

Dim pos As Integer

Dim lastRow As Long

Dim i As Long

Dim clientStatArr As Variant

'Insert Columns

statWs.Activate

mainCol = 5

statWs.Range(Cells(1, mainCol), Cells(1, mainCol + cnt - 1)).EntireColumn.Insert

'Insert Dates

Range(Cells(1, mainCol), Cells(1, mainCol + cnt - 1)) = dates

lastRow = statWs.Range("A" & statWs.Rows.Count).End(xlUp).Row

clientStatArr = Range("B2:B" & lastRow).Value

For i = LBound(clientStatArr, 1) To UBound(clientStatArr, 1)

pos = Application.Match(clientStatArr(i, 1), clients, False)

Range(Cells(2 + i - 1, mainCol), Cells(2 + i - 1, mainCol + cnt - 1)) = Application.WorksheetFunction.Index(eventVar, pos, 0)

Next i

End Sub