```vba
Sub CreateAccountReview()

Dim MONTHSCOUNT As Integer
MONTHSCOUNT = Application.WorksheetFunction.CountA(Range("F2:F100"))
Dim EQSCOUNT As Integer
EQSCOUNT = Application.WorksheetFunction.CountA(Range("C2:C100"))
Dim SOLDCOUNT As Integer
SOLDCOUNT = Application.WorksheetFunction.CountA(Range("A2:A100"))

If MONTHSCOUNT < 1 Or EQSCOUNT < 1 Or SOLDCOUNT < 1 Then

MsgBox "Please fill in all data in columns A, C and F", vbOKOnly
Exit Sub

Else

If Environ("UserName") = "UK017799" Or Environ("UserName") = "UK01300107" Or Environ("UserName") = "UK018058" Or _
Environ("UserName") = "UK018050" Or _
Environ("UserName") = "uK018050" Then


JustEquips = MsgBox("Would you like to run the review with just the equipments pasted in or would you like to locate and additional devices related to the relevant sold to
list in column A?" & _
                    vbCrLf & vbCrLf & _
                    "If you pick Yes then any devices that were closed but still active within the reporting period will be picked up" & _
                    vbCrLf & _
                    "If you pick No then the report will run with just the specified equipments in column B. This tends to be the option if the salesperson has reqested a
specific list of equipments" & _
                    vbCrLf & vbCrLf & _
                    "Press 'Cancel' to stop the process", vbYesNoCancel, "Options")

If JustEquips = vbCancel Then
    Exit Sub
ElseIf JustEquips = vbNo Then
    GoTo SkipAddingInMonths
Else
    Application.ScreenUpdating = False
    Application.DisplayStatusBar = True
    Application.StatusBar = "Part 0 of 10 Complete"


    '--DD IN ADDITIONAL DEVICES FOUND THROUGH SOLD TO'S''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''
```

```vba
'--COPY OVER THE DESIRED MONTHS INTO THE MONTHS_NEEDED TAB WHICH IS LINKED TO THE DATABASES
    Sheets("MONTHS NEEDED").Visible = True
    Sheets("MONTHS NEEDED").Select
    Range("A2:A1000000").ClearContents
    Range("a2").Select
    Sheets("VARIABLES").Select
    LastMonthMonth = Range("F" & Rows.Count).End(xlUp).Row
    Range("F2:F" & LastMonthMonth).Select
    Selection.Copy
    Sheets("MONTHS NEEDED").Activate
    ActiveSheet.Paste
    Range("A1").Select

'--COPY OVER THE DESIRED SOLD TOS INTO THE SOLD_TO TAB WHICH IS LINKED TO THE DATABASES
    Sheets("SOLD_TO").Visible = True
    Sheets("SOLD_TO").Select
    Range("A2:A1000000").ClearContents
    Range("a2").Select
    Sheets("VARIABLES").Activate
    LastMonthSOLD = Range("A" & Rows.Count).End(xlUp).Row
    Range("A2:A" & LastMonthSOLD).Select
    Selection.Copy
    Sheets("SOLD_TO").Activate
    ActiveSheet.Paste
    Range("A1").Select

'--REFRESH THE SOLD TO LINKED DATABASE - ALLOWS US TO ADD IN EXTRA DEVICES ON SOLD TO THAT HAS BEEN ENDED WITHIN THE
'--MONTHS REQUIRED. sO WE DONT MISS ANY STATS
    Sheets("BW_SOLDTO_MIF").Visible = True
    Sheets("BW_SOLDTO_MIF").Select
    Range("A1").Select
    Selection.ListObject.QueryTable.Refresh BackgroundQuery:=False

'--LOOP THROUGH AND ADD IN ANY EXTRA DEVICES FOUND ONTO THE BOTTOM OF THE EQUIPMENTS IN COLUMN C IN VARIABLES SHEET
    Sheets("BW_SOLDTO_MIF").Activate
    LASTR = Range("D" & Rows.Count).End(xlUp).Row

    For x = 2 To LASTR
        If IsError(Cells(x, 4).Value) Then
            Cells(x, 1).Select
            Selection.Copy
```

```vba
            Sheets("VARIABLES").Activate
            NEXTR = Range("C" & Rows.Count).End(xlUp).Row + 1
            Range("C" & NEXTR).Select
            Selection.PasteSpecial Paste:=xlPasteValues, Operation:=xlNone, SkipBlanks _
                :=False, Transpose:=False
            Sheets("BW_SOLDTO_MIF").Select
        End If
    Next x

    Sheets("VARIABLES").Activate
    Range("a1").Select

    Sheets("SOLD_TO").Visible = False
    Sheets("MONTHS NEEDED").Visible = False
    Sheets("BW_SOLDTO_MIF").Visible = False

'--ADD IN THE ABILITY TO STOP THE MACRO AND DELETE OUT ANY ITEMS WITH A NON-RELEVANT SOLD TO NAME''''

Range("D2").Select
    ActiveCell.FormulaR1C1 = _
        "=IFERROR(VLOOKUP(RC[-1],'C:\Users\UK017799\Documents\Home Reports\ACCOUNT REVIEW\[VERT NAMING LIST.xlsx]Sheet1'!C1:C2,2,0),""""")"

    Sheets("VARIABLES").Activate
    LastSoldToName = Range("C" & Rows.Count).End(xlUp).Row
    Range("D2").Select
    Selection.Copy
    Range("D3:D" & LastSoldToName).Select
    ActiveSheet.Paste
    Sheets("SOLD_TO_UNIQUE").Visible = True
    Sheets("SOLD_TO_UNIQUE").Activate
    Range("A1:A30000").ClearContents
    Sheets("VARIABLES").Activate
    Range("D2:D" & LastSoldToName).Select
    Range("D2:D" & LastSoldToName).Copy
    Sheets("SOLD_TO_UNIQUE").Activate
    Range("a1").Select
    Selection.PasteSpecial Paste:=xlPasteValues, Operation:=xlNone, SkipBlanks _
        :=False, Transpose:=False
    Columns("A:A").Select
    Application.CutCopyMode = False

    ActiveSheet.Range("$A:$A").RemoveDuplicates Columns:=1, Header:=xlNo
```

```vba
        Range("A1").Select

        Sheets("VARIABLES").Select
        Range("D3:D" & LastSoldToName).Select
        Range("D3:D" & LastSoldToName).Copy
        Selection.PasteSpecial Paste:=xlPasteValues, Operation:=xlNone, SkipBlanks _
        :=False, Transpose:=False
        Application.CutCopyMode = False
        Range("D1").Select
        Sheets("SOLD_TO_UNIQUE").Visible = False

DELETEFORM.Show



SkipAddingInMonths:



    Application.ScreenUpdating = False
    Application.DisplayStatusBar = True

    Application.StatusBar = "Part 1 of 10 Complete"


    '--FORMAT ALL SECTION''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''

    '--COPY OVER ALL EQUIPMENTS INTO THE EQUIPMENTS TAB
        Sheets("EQUIPMENTS").Visible = True
        Sheets("EQUIPMENTS").Select
        Range("A2:A1000000").ClearContents
        Range("a2").Select
        Sheets("VARIABLES").Select
        LastMonthEQ = Range("C" & Rows.Count).End(xlUp).Row
        Range("C2:C" & LastMonthEQ).Select
        Selection.Copy
        Sheets("EQUIPMENTS").Activate
        ActiveSheet.Paste
        Range("A1").Select

    '--COPY OVER ALL MONTHS INTO THE MONTHS NEEDED TAB
        Sheets("MONTHS NEEDED").Visible = True
```

```vba
    Sheets("MONTHS NEEDED").Select
    Range("A2:A1000000").ClearContents
    Range("a2").Select
    Sheets("VARIABLES").Select
    LastMonthROW = Range("F" & Rows.Count).End(xlUp).Row
    Range("F2:F" & LastMonthROW).Select
    Selection.Copy
    Sheets("MONTHS NEEDED").Activate
    ActiveSheet.Paste
    Range("A1").Select


    Sheets("EQUIPMENTS (BILLING)").Visible = True
    Sheets("EQUIPMENTS (BILLING)").Select
    Range("A2:A1000000").ClearContents
    Range("A2").Select
    Sheets("EQUIPMENTS").Select
    LastMonthBILLEQ = Range("A" & Rows.Count).End(xlUp).Row
    Range("A2:A" & LastMonthBILLEQ).Select
    Selection.Copy
    Sheets("EQUIPMENTS (BILLING)").Select
    Range("A2").Select
    ActiveSheet.Paste
    Range("A1:A" & LastMonthBILLEQ).Select
    Application.CutCopyMode = False
    Selection.TextToColumns Destination:=Range("A1"), DataType:=xlDelimited, _
        TextQualifier:=xlDoubleQuote, ConsecutiveDelimiter:=False, Tab:=True, _
        Semicolon:=False, Comma:=False, Space:=False, Other:=False, FieldInfo _
        :=Array(1, 1), TrailingMinusNumbers:=True
    Range("A1").Select


    Sheets("EQUIPMENTS").Select
    Range("A1").Select
    Sheets("VARIABLES").Select
    Range("E1").Select

Application.StatusBar = "Part 2 of 10 Complete"


--OPEN EACH LINKED TABLE AND REFRESH USING THE EQUIPMENTS AND MONTHS ENTERED IN THE VARIABLES SHEET
```

```vba
'--REFRESH TELEPHONE FIXES DATABASE BASED ON CRITERIA ENTERED ON VARIABLES
    Sheets("TELEPHONE FIXES").Visible = True
    Sheets("TELEPHONE FIXES").Select
    Range("A1").Select
    Selection.ListObject.QueryTable.Refresh BackgroundQuery:=False

Application.StatusBar = "Part 3 of 10 Complete"

'--REFRESH BILLING DATABASE BASED ON CRITERIA ENTERED ON VARIABLES
    Sheets("BILLING DATA").Visible = True
    Sheets("BILLING DATA").Select
    Range("A1").Select
    Selection.ListObject.QueryTable.Refresh BackgroundQuery:=False

Application.StatusBar = "Part 4 of 10 Complete"

'--REFRESH CALLS HISTORIC DATABASE BASED ON CRITERIA ENTERED ON VARIABLES
    Sheets("SERVICE DATA").Visible = True
    Sheets("SERVICE DATA").Select
    Range("A1").Select
    Selection.ListObject.QueryTable.Refresh BackgroundQuery:=False

Application.StatusBar = "Part 5 of 10 Complete"

'--REFRESH MIF DATABASE BASED ON CRITERIA ENTERED ON VARIABLES
    Sheets("MIF INFO").Visible = True
    Sheets("MIF INFO").Select
    Range("A1").Select
    Selection.ListObject.QueryTable.Refresh BackgroundQuery:=False

Application.StatusBar = "Part 6 of 10 Complete"

'--REFRESH UP TIME HISTORIC DATABASE BASED ON CRITERIA ENTERED ON VARIABLES
    Sheets("UPTIME INFO").Visible = True
    Sheets("UPTIME INFO").Select
    Range("A1").Select
    Selection.ListObject.QueryTable.Refresh BackgroundQuery:=False

'--OLD STYLE MIF INFO
    Sheets("MIF BREAKDOWN").Visible = True
    Sheets("MIF BREAKDOWN").Select
    Range("A1").Select
```

```vba
        Selection.ListObject.QueryTable.Refresh BackgroundQuery:=False

    Application.StatusBar = "Part 7 of 10 Complete"

    --REFRESH PARTS DATABASE BASED ON CRITERIA ENTERED ON VARIABLES
        Sheets("PARTS").Visible = True
        Sheets("PARTS").Select
        Range("A1").Select
        Selection.ListObject.QueryTable.Refresh BackgroundQuery:=False

        Sheets("VARIABLES").Select
        Range("A1").Select

    Application.StatusBar = "Part 8 of 10 Complete"

    --CLOSE ALL VARIABLES SHEETS. LEAVING THE LINKED TABLES OPEN FOR THEM TO DRILL INTO
        Sheets("EQUIPMENTS").Visible = False
        Sheets("EQUIPMENTS (BILLING)").Visible = False
        Sheets("MONTHS NEEDED").Visible = False
        Sheets("SOLD_TO").Visible = False

    --REFRESH ALL PIVOT TABLES IN WORKBOOK
    Dim Sheet As Worksheet, Pivot As PivotTable
    For Each Sheet In ThisWorkbook.Worksheets
        For Each Pivot In Sheet.PivotTables
            Pivot.RefreshTable
            Pivot.Update
        Next
    Next

--CHANGE THE FORMULAS TO THE CORRECT AMOUNT OF MONTHS IN COLUMN X AND PIVOTS
--ALSO CHANGE THE DATA FOR CHART 14 (UPTIME)
        Sheets("PIVOTS").Visible = True
        Sheets("PIVOTS").Activate
        PivotsLR = Range("X" & Rows.Count).End(xlUp).Row - 1
        Range("AD9:AF10000").ClearContents
        Range("AD8:AF8").Select
        Selection.Copy
        Range("AD8:AF" & PivotsLR).Select
        ActiveSheet.Paste
        Sheets("GRAPHS").Activate
        ActiveSheet.ChartObjects("Chart 14").Activate
```

```vba
    ActiveChart.SetSourceData Source:=Sheets("PIVOTS").Range("AD7:AF" & PivotsLR)
    Sheets("PIVOTS").Activate

--CREATE ALL THE FOUR BILLING GRAPHS ON THE PIVOTS SHEET
    Range("AJ9:AP1000000").ClearContents
    Range("X8:X" & PivotsLR).Select
    Selection.Copy
    Range("AJ8").Select
    ActiveSheet.Paste
    Range("AN8").Select
    ActiveSheet.Paste
    LRBill = Range("AJ" & Rows.Count).End(xlUp).Row
        Range("AK8:AL8").Select
        Selection.Copy
        Range("AK8:AL" & LRBill).Select
        ActiveSheet.Paste
            Range("AO8:AP8").Select
            Selection.Copy
            Range("AO8:AP" & LRBill).Select
            ActiveSheet.Paste

--UPDATE QUANTITY GRAPH DATA RANGE
    Sheets("GRAPHS").Activate
    ActiveSheet.ChartObjects("Chart 16").Activate
    ActiveChart.SetSourceData Source:=Sheets("PIVOTS").Range("AJ7:AL" & LRBill)

--UPDATE VALUE GRAPH DATA RANGE
    ActiveSheet.ChartObjects("Chart 17").Activate
    ActiveChart.SetSourceData Source:=Sheets("PIVOTS").Range("AN7:AP" & LRBill)

    Application.StatusBar = "Part 9 of 10 Complete"


    --THIS SECTION WILL LOOK TO SEE IF THE EQUIPMENTS ENTERED INTO THE VARIABLES SHEET APPEAR IN THE MIF DATABASE
    --IF THEY DONT THEN IT MEANS THE SOLD TO ON THE EQUIPMENT AND CONTRACT DO NOT MATCH SO BW DIDNT PICK IT UP
    --THESE WILL BE HIGHLIGHTED RED

    --TAKE OUT THE FORMULAS AND REPLACE AS VALUES
    Sheets("VARIABLES").Select
    Range("I7").Select
    Selection.Copy
    Selection.PasteSpecial xlPasteValues
```

```vba
Application.CutCopyMode = False

Sheets("VARIABLES").Select
Range("D2:D100000").Select
Selection.Copy
Selection.PasteSpecial xlPasteValues
Application.CutCopyMode = False

Range("A1").Select

LastRow = Range("C" & Rows.Count).End(xlUp).Row
Sheets("VARIABLES").Select

Dim EQUIPS As Range
Set EQUIPS = Range("C2:C" & LastRow)
Dim EQU_LASTR As Long
EQU_LASTR = Sheets("MIF INFO").Range("B" & Rows.Count).End(xlUp).Row

    For Each Cell In EQUIPS

        Sheets("MIF INFO").Activate

            For x = 2 To EQU_LASTR

                If Cells(x, 2).Value = Cell Then
                    Sheets("VARIABLES").Activate
                    Cell.Interior.Color = 5287936
                    Cell.Font.Color = vbWhite
                End If

                If Cell.Interior.Color = 5287936 Then
                    GoTo continue
                Else
                    Cell.Interior.Color = vbRed
                    Cell.Font.Color = vbWhite
                End If
continue:

            Next x

    Next Cell
```

```vba
    '--CLOSE ALL LINKED TABLES
        Sheets("TELEPHONE FIXES").Visible = True
        Sheets("BILLING DATA").Visible = False
        Sheets("SERVICE DATA").Visible = True
        Sheets("MIF INFO").Visible = False
        Sheets("UPTIME INFO").Visible = False
        Sheets("PARTS").Visible = True
        Sheets("PIVOTS").Visible = False
        Sheets("DEVICE BREAKDOWN").Visible = True
        Sheets("BILLING BREAKDOWN").Visible = True
        Sheets("MIF BREAKDOWN").Visible = True
        Sheets("FAILED CALLS").Visible = True

    Application.StatusBar = "Part 10 of 10 Complete"



    Application.DisplayStatusBar = False
    Application.ScreenUpdating = True
    Application.DisplayStatusBar = True

    MsgBox "Complete Sir, please check the graphs and then press the 'Open Powerpoint' Button", vbOKOnly, "Jarvis Help"

    Sheets("VARIABLES").Activate

End If

Else

MsgBox "You are not authorised to run this data. If this is an issue, please contact 'BGB-Sales-Operations-MI@konicaminolta.co.uk'" _
, vbOKOnly, "Not Authorised"

End If

'--MsgBox "Please fill in all the below data in order to start: " & vbCrLf & vbCrLf & _
'--        "* Sold To's" & vbCrLf & "* Equipments" & vbCrLf & "*Date Range" & vbCrLf _
'--        & vbCrLf & "Once these are all filled in the process can run.", vbOKOnly, "Jarvis Help"

End If


End Sub
```