

Full Code for Macro post

Wednesday, September 10, 2025 9:13 AM

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Sub StylePivotTableBordersWithHeaderAndRowLabelStyling()  
    Dim pt As PivotTable  
    Dim rngTable As Range  
    Dim rngHeader As Range  
    Dim cell As Range  
    Dim headerCell As Range  
    Dim firstRow As Long, lastRow As Long  
    Dim firstCol As Long, lastCol As Long  
    Dim rLabelCol As Long  
    Dim rLabelCell As Range  
  
    ' Ensure selection is inside a pivot table  
    On Error Resume Next  
    Set pt = ActiveCell.PivotTable  
    On Error GoTo 0  
    If pt Is Nothing Then  
        MsgBox "Please select a cell inside a pivot table.", vbExclamation  
        Exit Sub  
    End If  
  
    ' Get full pivot table range  
    Set rngTable = pt.TableRange2  
    firstRow = rngTable.Row  
    lastRow = rngTable.Rows(rngTable.Rows.Count).Row  
    firstCol = rngTable.Column  
    lastCol = rngTable.Columns(rngTable.Columns.Count).Column  
  
    ' Apply bold, dashed, black border to outer edges  
    With rngTable.Borders(xlEdgeTop)  
        .LineStyle = xlDash  
        .Weight = xlMedium  
        .Color = RGB(0, 0, 0)  
    End With  
    With rngTable.Borders(xlEdgeBottom)  
        .LineStyle = xlDash  
        .Weight = xlMedium  
        .Color = RGB(0, 0, 0)  
    End With  
    With rngTable.Borders(xlEdgeLeft)  
        .LineStyle = xlDash  
        .Weight = xlMedium  
        .Color = RGB(0, 0, 0)  
    End With  
    With rngTable.Borders(xlEdgeRight)  
        .LineStyle = xlDash  
        .Weight = xlMedium
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        .Color = RGB(0, 0, 0)
End With

' Apply solid black border below header row
Set rngHeader = Range(Cells(firstRow, firstCol), Cells(firstRow, lastCol))
With rngHeader.Borders(xlEdgeBottom)
    .LineStyle = xlContinuous
    .Weight = xlMedium
    .Color = RGB(0, 0, 0)
End With

' Italicize column labels in the header row
For Each headerCell In rngHeader
    headerCell.Font.Italic = True
Next headerCell

' Italicize and underline row labels (first column, excluding header)
rLabelCol = firstCol
For Each rLabelCell In Range(Cells(firstRow + 1, rLabelCol), Cells(lastRow, rLabelCol))
    rLabelCell.Font.Italic = True
    rLabelCell.Font.Underline = xlUnderlineStyleSingle
Next rLabelCell

' Apply thin, dark gray borders to interior cells (excluding header bottom)
For Each cell In rngTable
    With cell.Borders(xlEdgeTop)
        If cell.Row > firstRow Then
            .LineStyle = xlContinuous
            .Weight = xlThin
            .Color = RGB(105, 105, 105)
        End If
    End With
    With cell.Borders(xlEdgeBottom)
        If cell.Row < lastRow And cell.Row <> firstRow Then
            .LineStyle = xlContinuous
            .Weight = xlThin
            .Color = RGB(105, 105, 105)
        End If
    End With
    With cell.Borders(xlEdgeLeft)
        If cell.Column > firstCol Then
            .LineStyle = xlContinuous
            .Weight = xlThin
            .Color = RGB(105, 105, 105)
        End If
    End With
    With cell.Borders(xlEdgeRight)
        If cell.Column < lastCol Then
            .LineStyle = xlContinuous
            .Weight = xlThin
            .Color = RGB(105, 105, 105)
        End If
    End With
End With

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Next cell
End Sub