Sub MultipleYearStockData():

For Each ws In Worksheets

Dim WorksheetName As String

' Current row

Dim i As Long

' start row of ticker

Dim j As Long

' index counter to fill Ticker

Dim TickCount As Long

Dim LastRowA As Long

Dim LastRowI As Long

' following variables as Double due to decimals

Dim PerChange As Double

Dim GreatIncr As Double

Dim GreatDecr As Double

Dim GreatVol As Double

WorksheetName = ws.Name

' Create column headers

ws.Cells(1, 9).Value = "Ticker"

ws.Cells(1, 10).Value = "Yearly Change"

ws.Cells(1, 11).Value = "Percent Change"

ws.Cells(1, 12).Value = "Total Stock Volume"

ws.Cells(1, 16).Value = "Ticker"

ws.Cells(1, 17).Value = "Value"

ws.Cells(2, 15).Value = "Greatest % Increase"

ws.Cells(3, 15).Value = "Greatest % Decrease"

ws.Cells(4, 15).Value = "Greatest Total Volume"

TickCount = 2

' start on row 2 since row 1 is a header

j = 2

' xlUP Estamos indicando que desde la fila indicada , "suba" hasta que encuentre un valor

LastRowA = ws.Cells(Rows.Count, 1).End(xlUp).Row

For i = 2 To LastRowA

' double check if ticker name changed

If ws.Cells(i + 1, 1).Value <> ws.Cells(i, 1).Value Then

' show ticker in column I9

ws.Cells(TickCount, 9).Value = ws.Cells(i, 1).Value

' calculate and show Yearly Change in column J10

ws.Cells(TickCount, 10).Value = ws.Cells(i, 6).Value - ws.Cells(j, 3).Value

' conditional formating

If ws.Cells(TickCount, 10).Value < 0 Then

' color red

ws.Cells(TickCount, 10).Interior.ColorIndex = 3

Else

' color green

ws.Cells(TickCount, 10).Interior.ColorIndex = 4

End If

' calculate and write percent change in column K11

If ws.Cells(j, 3).Value <> 0 Then

PerChange = ((ws.Cells(i, 6).Value - ws.Cells(j, 3).Value) / ws.Cells(j, 3).Value)

' Conditional formating of percentage using VBA

ws.Cells(TickCount, 11).Value = Format(PerChange, "Percent")

Else

ws.Cells(TickCount, 11).Value = Format(0, "Percent")

End If

' calculate and write total volume in column L12

ws.Cells(TickCount, 12).Value = WorksheetFunction.Sum(Range(ws.Cells(j, 7), ws.Cells(i, 7)))

TickCount = TickCount + 1

' start a new row for the ticker

j = i + 1

End If

Next i

LastRowI = ws.Cells(Rows.Count, 9).End(xlUp).Row

' display the values on the respective cells

GreatVol = ws.Cells(2, 12).Value

GreatIncr = ws.Cells(2, 11).Value

GreatDecr = ws.Cells(2, 11).Value

' ForLoop for showing the results

For i = 2 To LastRowI

' if its not a higher value then it stays the same

If ws.Cells(i, 12).Value > GreatVol Then

GreatVol = ws.Cells(i, 12).Value

ws.Cells(4, 16).Value = ws.Cells(i, 9).Value

Else

GreatVol = GreatVol

End If

' if its not a higher value then it stays the same

If ws.Cells(i, 11).Value > GreatIncr Then

GreatIncr = ws.Cells(i, 11).Value

ws.Cells(2, 16).Value = ws.Cells(i, 9).Value

Else

GreatIncr = GreatIncr

End If

' chooses the smaller value, if not it stays the same

If ws.Cells(i, 11).Value < GreatDecr Then

GreatDecr = ws.Cells(i, 11).Value

ws.Cells(3, 16).Value = ws.Cells(i, 9).Value

Else

GreatDecr = GreatDecr

End If

' write the results in the worksheet

ws.Cells(2, 17).Value = Format(GreatIncr, "Percent")

ws.Cells(3, 17).Value = Format(GreatDecr, "Percent")

ws.Cells(4, 17).Value = Format(GreatVol, "Scientific")

Next i

'TEST it stresses me out the cell doesn't change, source: https://analysistabs.com/excel-vba/change-row-height-column-width/

Worksheets(WorksheetName).Columns("A:Z").AutoFit

Next ws

End Sub