Sub VBAChallenge()

For Each ws In ThisWorkbook.Worksheets

ws.Activate

'Define variables

Dim LastRow As Long

Dim Ticker As String

Dim YearOpen As Double

Dim YearClose As Double

Dim YearlyChange As Double

Dim PercentChange As Double

Dim TotalVolume As Double

Dim MaxIncrease As Double

Dim MaxDecrease As Double

Dim MaxVolume As Double

Dim LastTickerRow As Long

Dim SummaryRow As Long

YearOpen = Cells(2, 3).Value

TotalVolume = 0

SummaryRow = 2

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

For i = 2 To LastRow

Ticker = Cells(i, 1).Value

TotalVolume = TotalVolume + Cells(i, 7).Value

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

YearClose = Cells(i, 6).Value

YearlyChange = YearClose - YearOpen

If YearOpen <> 0 Then

PercentChange = (YearClose - YearOpen) / YearOpen

Else

PercentChange = 0

End If

ws.Cells(SummaryRow, 9).Value = Ticker

ws.Cells(SummaryRow, 10).Value = YearlyChange

ws.Cells(SummaryRow, 11).Value = PercentChange

ws.Cells(SummaryRow, 12).Value = TotalVolume

If YearlyChange < 0 Then

ws.Cells(SummaryRow, 10).Interior.Color = RGB(255, 0, 0) 'Red

ElseIf YearlyChange > 0 Then

ws.Cells(SummaryRow, 10).Interior.Color = RGB(0, 255, 0) 'Green

End If

SummaryRow = SummaryRow + 1

YearOpen = Cells(i + 1, 3).Value

TotalVolume = 0

End If

Next i

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

'Adding functionality

For j = 2 To LastTickerRow

If Cells(j, 11).Value > MaxIncrease Then

MaxIncrease = Cells(j, 11).Value

ws.Cells(2, 15).Value = Cells(j, 9).Value

ws.Cells(2, 16).Value = MaxIncrease

End If

If Cells(j, 11).Value < MaxDecrease Then

MaxDecrease = Cells(j, 11).Value

ws.Cells(3, 15).Value = Cells(j, 9).Value

ws.Cells(3, 16).Value = MaxDecrease

End If

If Cells(j, 12).Value > MaxVolume Then

MaxVolume = Cells(j, 12).Value

ws.Cells(4, 15).Value = Cells(j, 9).Value

ws.Cells(4, 16).Value = MaxVolume

End If

Next j

Next ws

End Sub