Sub Stock\_Data():

For Each ws In Worksheets

' Define Ranges

ws.Range("I1").Value = "Ticker"

ws.Range("J1").Value = "Yearly Change"

ws.Range("K1").Value = "Percent Change"

ws.Range("L1").Value = "Total Stock Volume"

' Setting Variables types

Dim TickerName As String

Dim LastRow As Long

Dim TotalTickerVolume As Double

Dim SummaryTableRow As Double

Dim StockOpen As Double

Dim StockClose As Double

Dim YearlyChange As Double

Dim PreviousAmount As Long

Dim PercentChange As Double

Dim LastRowValue As Long

' Determine the Last Row

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

TotalTickerVolume = 0

SummaryTableRow = 2

PreviousAmount = 2

' Now making the loop with a conditional

For i = 2 To LastRow

' Add To Ticker Total Volume

TotalTickerVolume = TotalTickerVolume + ws.Cells(i, 7).Value

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

' Set Ticker Name

TickerName = ws.Cells(i, 1).Value

' Print The Ticker Name and the Ticker Total Amount to the summary table

ws.Range("I" & SummaryTableRow).Value = TickerName

ws.Range("L" & SummaryTableRow).Value = TotalTickerVolume

' Reset Ticker Total

TotalTickerVolume = 0

' Set Yearly Open, Yearly Close and Yearly Change Name

StockOpen = ws.Range("C" & PreviousAmount)

StockClose = ws.Range("F" & i)

YearlyChange = StockClose - StockOpen

ws.Range("J" & SummaryTableRow).Value = YearlyChange

' Determine Percent Change

If StockOpen = 0 Then

PercentChange = 0

Else

StockOpen = ws.Range("C" & PreviousAmount)

PercentChange = YearlyChange / StockOpen

End If

' Format Double To Include % Symbol And Two Decimal Places

ws.Range("K" & SummaryTableRow).NumberFormat = "0.00%"

ws.Range("K" & SummaryTableRow).Value = PercentChange

' Conditional Formatting for Positive (Green) and Negative (Red)

If ws.Range("J" & SummaryTableRow).Value >= 0 Then

ws.Range("J" & SummaryTableRow).Interior.ColorIndex = 4

Else

ws.Range("J" & SummaryTableRow).Interior.ColorIndex = 3

End If

' Add One To The Summary Table Row

SummaryTableRow = SummaryTableRow + 1

PreviousAmount = i + 1

End If

Next i

' Ranges And Labels

ws.Range("O2").Value = "Greatest % Increase"

ws.Range("O3").Value = "Greatest % Decrease"

ws.Range("O4").Value = "Greatest Total Volume"

ws.Range("P1").Value = "Ticker"

ws.Range("Q1").Value = "Value"

' Set value types

Dim GreatestTotalVolume As Double

Dim GreatestIncrease As Double

Dim GreatestDecrease As Double

' Set all to zero

GreatestIncrease = 0

GreatestDecrease = 0

GreatestTotalVolume = 0

' Greatest % Increase, Greatest % Decrease and Greatest Total Volume

LastRow = ws.Cells(Rows.Count, 11).End(xlUp).Row

' Start Loop For Final Results

For i = 2 To LastRow

If ws.Range("K" & i).Value > ws.Range("Q2").Value Then

ws.Range("Q2").Value = ws.Range("K" & i).Value

ws.Range("P2").Value = ws.Range("I" & i).Value

End If

If ws.Range("K" & i).Value < ws.Range("Q3").Value Then

ws.Range("Q3").Value = ws.Range("K" & i).Value

ws.Range("P3").Value = ws.Range("I" & i).Value

End If

If ws.Range("L" & i).Value > ws.Range("Q4").Value Then

ws.Range("Q4").Value = ws.Range("L" & i).Value

ws.Range("P4").Value = ws.Range("I" & i).Value

End If

Next i

' Format Double To Include % Symbol And Two Decimal Places

ws.Range("Q2").NumberFormat = "0.00%"

ws.Range("Q3").NumberFormat = "0.00%"

' Format Table Columns To Auto Fit

ws.Columns("I:Q").AutoFit

Next ws

End Sub