```vba
Sub StockDataAnalysis()

    Dim ws As Worksheet


    For Each ws In ThisWorkbook.Worksheets

        Call ProcessStockData(ws)

    Next ws

End Sub


Sub ProcessStockData(ws As Worksheet)


    Dim lastRow As Long

    Dim ticker As String

    Dim yearlyChange As Double

    Dim percentChange As Double

    Dim totalVolume As Double

    Dim startPrice As Double

    Dim endPrice As Double

    Dim rowStart As Long

    Dim greatestIncrease As Double

    Dim greatestDecrease As Double

    Dim greatestVolume As Double

    Dim tickerGreatestIncrease As String

    Dim tickerGreatestDecrease As String

    Dim tickerGreatestVolume As String


    lastRow = ws.Cells(ws.Rows.Count, "A").End(xlUp).Row

    greatestIncrease = 0

    greatestDecrease = 0

    greatestVolume = 0
```

```vba
    totalVolume = 0

    rowStart = 2

  For i = 2 To lastRow


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


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


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


      endPrice = ws.Cells(i, 6).Value


      yearlyChange = endPrice - startPrice


      If startPrice <> 0 Then
        percentChange = (yearlyChange / startPrice) * 100
      Else
        percentChange = 0
      End If



      ws.Range("I" & rowStart).Value = tickerSymbol
      ws.Range("J" & rowStart).Value = yearlyChange
      ws.Range("K" & rowStart).Value = percentChange
      ws.Range("L" & rowStart).Value = totalVolume


      ' Conditional formatting for red and green
      If yearlyChange >= 0 Then
        ws.Range("J" & rowStart).Interior.Color = vbGreen
```

```vba
        Else

            ws.Range("J" & rowStart).Interior.Color = vbRed

        End If


        ' Update greatest increase, decrease, and volume

        If percentChange > greatestIncrease Then

            greatestIncrease = percentChange

            tickerGreatestIncrease = tickerSymbol

        ElseIf percentChange < greatestDecrease Then

            greatestDecrease = percentChange

            tickerGreatestDecrease = tickerSymbol

        End If

        If totalVolume > greatestVolume Then

            greatestVolume = totalVolume

            tickerGreatestVolume = tickerSymbol

        End If



        totalVolume = 0

            rowStart = rowStart + 1

            startPrice = ws.Cells(i + 1, 3).Value

    Else

        ' Total Volume Accumulation

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

    End If

Next i


' Output Informtion

ws.Range("P2").Value = tickerGreatestIncrease
```

```
    ws.Range("Q2").Value = greatestIncrease

    ws.Range("P3").Value = tickerGreatestDecrease

    ws.Range("Q3").Value = greatestDecrease

    ws.Range("P4").Value = tickerGreatestVolume

    ws.Range("Q4").Value = greatestVolume


End Sub
```