

```

1 Option Explicit
2
3 Dim x As Long, y As Long
4
5 Dim sData As Worksheet
6 Dim sSource As Worksheet
7 Dim PctDone As Single
8 Dim ProgressIndicator As UserForm1
9
10 Sub Insert_values()
11
12 Set sData = Sheets("Data")
13 Set sSource = Sheets("Source")
14 Set ProgressIndicator = New UserForm1
15
16 sData.Select
17 Cells.Clear
18 Range("A:E").Interior.ThemeColor = xlThemeColorDark1
19
20 On Error Resume Next
21
22 ProgressIndicator.Show vbModeless
23
24 If TypeName(ActiveSheet) <> "Worksheet" Then
25     Unload ProgressIndicator
26     Exit Sub
27 End If
28
29 Application.ScreenUpdating = True
30
31 If sSource.Cells(1, 1).Value <> vbNullString Then
32
33     For x = 2 To 501
34
35         sData.Cells(x, 1).Value = x - 1
36         sData.Cells(x, 2).Value = sSource.Cells(x, 2).Value
37         sData.Cells(x, 3).Value = Right(sSource.Cells(x, 3).Value, 13)
38         sData.Cells(x, 4).Value = sSource.Cells(x, 4).Value
39
40         For y = 1 To 4
41
42             sData.Cells(1, y).Value = sSource.Cells(1, y).Value
43
44             If Left(sData.Cells(x, 3).Value, 1) = 2 Then
45                 sData.Cells(x, y).Font.ColorIndex = 7
46                 sData.Cells(x, y).Font.Bold = True
47
48             ElseIf Left(sData.Cells(x, 3).Value, 1) <> 2 And sData.Cells(x, 1).Value <= 10
49                 Then
50                 sData.Cells(x, y).Font.ColorIndex = 5
51                 sData.Cells(x, y).Font.Bold = True
52
53             ElseIf sData.Cells(x, 1).Value > 10 And sData.Cells(x, 1).Value < 21 Then
54                 sData.Cells(x, y).Font.ColorIndex = 53
55
56             Else:
57                 sData.Cells(x, y).Font.ColorIndex = 56
58
59             End If
60
61         Next y
62
63         PctDone = x / 501
64         Call UpdateProgress(PctDone)
65
66     Next x
67
68     Rows(1).Font.Bold = True
69
70     Cells.EntireColumn.AutoFit
71
72     MsgBox "Data Completed", vbInformation

```

```
73 Else:
74 MsgBox "Something went wrong"
75 Exit Sub
76 End If
77
78 Application.ScreenUpdating = False
79
80 Set sData = Nothing
81 Set sSource = Nothing
82 Set ProgressIndicator = Nothing
83
84 End Sub
85
86 Sub UpdateProgress(pct)
87     With ProgressIndicator
88
89         .FrameProgress.Caption = Format(pct, "0%")
90         .LabelProgress.Width = pct * (.FrameProgress.Width - 10)
91
92     End With
93
94     DoEvents
95
96
97 End Sub
98
```