

# Code Listing-Exporting Data from Access to Excel Part 4: Formatting

Posted on September 13, 2015 by raylharvey

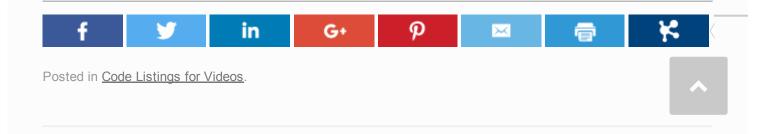


### Code listing for video:

**Exporting Data from Access to Excel Part 4: Formatting** 

```
🔙 🔷 🚍 📵 🔼 Visual Basic
   On Error Golo SubError
4
       Dim xlApp As Excel.Application
        Dim xlBook As Excel.Workbook
6
       Dim xlSheet As Excel.Worksheet
        Dim SQL As String
8
       Dim rs1 As DAO.Recordset
9
       Dim i As Integer
10
11
        'Show user work is being performed
12
       DoCmd.Hourglass (True)
13
14
15
                      RETRIEVE DATA
        *************
16
17
        'SQL statement to retrieve data from database
        SQL = "SELECT PartNo, PartName, Price, SalePrice, " &
18
19
        "(Price - SalePrice) / Price AS Discount " &
        "FROM Parts " & _
20
        "ORDER BY PartNo "
21
22
23
        'Execute query and populate recordset
24
       Set rs1 = CurrentDb.OpenRecordset(SQL, dbOpenSnapshot)
25
26
        'If no data, don't bother opening Excel, just quit
27
        If rs1.RecordCount = 0 Then
28
           MsgBox "No data selected for export", vbInformation + vbOKOnly, "No data exporte
29
           GoTo SubExit
30
       End If
31
32
                    BUILD SPREADSHEET
34
       **********************************
35
        'Create an instance of Excel and start building a spreadsheet
36
37
        'Early Binding
38
       Set xlApp = Excel.Application
39
       xlApp.Visible = False
40
41
        Set xlBook = xlApp.Workbooks.Add
42
       Set xlSheet = xlBook.Worksheets(1)
43
       With xlSheet
44
45
            .Name = "Discount"
            .Cells.Font.Name = "Calibri"
46
47
            .Cells.Font.Size = 11
48
```

```
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                   'build report heading
.Range("A1", "F1").Merge
.Range("A2", "F2").Merge
.Range("A1").HorizontalAlignment = xlCenter
 63
64
 65
66
                   Range("A1").HorizontalAlignment = xlCenter
Range("A1").Cells.Font.Bold = True
Range("A2").Cells.Font.Bold = True
 67
 68
 69
                   .Range("A1").Cells.Font.Name = "Cambria"
 70
                   .Range("A2").Cells.Font.Name = "Cambria"
.Range("A1").Cells.Font.Size = 14
 71
 72
                   .Range("A2").Cells.Font.Size = 12
 73
 74
 75
                   .Range("A1").Value = "Discount Listing"
                   .Range("A2").Value = Date
 76
 77
                   'build column headings
.Range("A4").Value = "Part Number"
.Range("B4").Value = "Part Name"
.Range("C4").Value = "Price"
.Range("D4").Value = "Sale Price"
.Range("D4").Value = "Sale Price"
 78
 79
 80
 81
82
                   .Range("F4").Value = "Discount"
 83
84
 85
                   'Format Column Headings
                   .Range("A4:F4").HorizontalAlignment = xlCenter
.Range("A4:F4").Cells.Font.Bold = True
86
 87
88
 89
                   'provide initial value to row counter
90
                   i = 5
91
                   'Loop through recordset and copy data from recordset to sheet
92
                   Do While Not rs1.EOF
93
94
                         .Range("A" & i).Value = Nz(rs1!PartNo, "")
                         .Range("B" & i).Value = Nz(rs1!PartName,
95
                         Range("C" & i).Value = Nz(rs1!Price, 0)
Range("D" & i).Value = Nz(rs1!SalePrice, 0)
96
97
98
                         .Range("F" & i).Value = Nz(rs1!Discount, 0)
99
100
                         i = i + 1
101
                         rs1.MoveNext
102
103
                   Loop
104
105
                   i = i + 2
                  'Create footnote just for fun
.Range("A" & i, "F" & i).Merge
.Range("A" & i).Value = "* Caveat Emptor! Discounts can change at any time!"
.Range("A" & i).Cells.Font.Size = 10
.Range("A" & i).Characters(30, 10).Font.Bold = True
.Page ("A" & i).Characters(30, 10).Font.Ttalic = True
106
107
108
109
110
                   .Range("A" & i).Characters(30, 10).Font.Italic = True .Range("A" & i).Characters(30, 10).Font.Color = vbRed
111
112
113
114
           End With
115
116
117
      SubFxit:
118 On Error Resume Next
119
120
            DoCmd.Hourglass False
121
             xlApp.Visible = True
122
            rs1.Close
123
            Set rs1 = Nothing
124
125
            Exit Sub
126
127
      SubError:
            MsgBox "Error Number: " & Err.Number & "= " & Err.Description, vbCritical + vbOKOnly
128
129
                   "An error occurred"
130
            GoTo SubExit
131
132 End Sub
```



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