

# VBA



The screenshot displays the Microsoft Excel interface. On the left, a PivotTable titled 'Contoso Expenses' is visible, with columns for Category, Amount, and Date. A PivotChart is also present. The VBA code editor window is open, showing the following code:

```

Sub CreatePowerPoint()
    'Add a reference to the Microsoft PowerPoint Library by:
    '1. Go to Tools > References
    '2. Click on Reference
    '3. Scroll down to Microsoft PowerPoint 9.0 Object Library, check the box, and press Okay

    'Files we declare the variables we will be using
    Dim PowerPoint As PowerPoint.Application
    Dim ActiveSlide As PowerPoint.Slide
    Dim obj As Excel.ChartObject

    'Loop for creating presentation
    On Error Resume Next
    Set PowerPoint = Application.GetObject(, "PowerPoint.Application")
    On Error Goto 0

    'Let's create a new PowerPoint
    Set PowerPoint = New PowerPoint.Application
    End If

    'Show a presentation on PowerPoint
    If PowerPoint.Presentations.Count = 0 Then
        PowerPoint.Presentations.Add
    End If

    'Show the PowerPoint
    PowerPoint.Visible = True

    'Loop through each chart in the Excel worksheet and paste them into the PowerPoint
    For Each obj In ActiveSheet.ChartObjects
        'Add a new slide where we will paste the chart
        PowerPoint.ActivePresentation.Slide.Add PowerPoint.ActivePresentation.Slide.Count + 1, ppSlide
        PowerPoint.ActivePresentation.View.ShowSlide PowerPoint.ActivePresentation.Slide.Count
        Set ActiveSlide = PowerPoint.ActivePresentation.Slide PowerPoint.ActivePresentation.Slide.Count
        obj.Select
        ActiveWindow.Copy
        ActiveSlide.Shapes.PastSpecial DataType:=ppPasteDefault Pictures:=False
    
```

## Avancerade VBA-lösningar

Kursen tar upp Excels hantering gentemot externa databaser. Den är på hög kunskapsnivå, och anpassas i högre grad efter de lösningar deltagarna sitter med i arbetsituationen. Beroende på detta kan den komma att delas upp i en mer teoretisk del i laborerande miljö, och en del som mer anpassas på plats där det verkliga systemet opererar.

## Innehåll

- SQL
- Databaskopplingar
- Connection och Recordset
- Avancerade formulär
- PowerQueries
- Nätverkskopplingar