

2.5.1 Make a Run Button

Steve needs a way to run these analyses. He could install the Developer tab, but a button would be easier and more user-friendly. Let's make a button for Steve.

Now that we've written and tested a significant amount of code, running a macro might seem like a simple task. But this might not be the case for Steve. He wants to focus on financial analysis, not installing Developer tools, determining the correct macro to use, and then figuring out how to run the macro. To make life easier for the end-users of our code like Steve, we can create buttons in the worksheet.

Create a Button

The following videos walk you through the process of creating a button to run your analysis. Choose the video appropriate for your operating system.

macOS



Windows



Clear the Worksheet

To test if the button is working correctly, first clear the worksheet. This is something that can be done by hand, but since we're now VBA pros, let's create a new macro and button to clear the worksheet for us.

Return to the VBA code and add a simple macro:

```
Sub ClearWorksheet()  
  
    Cells.Clear  
  
End Sub
```

Let's get some more practice creating buttons.

SKILL DRILL

1. Create a button to run the `ClearWorksheet()` macro. (**Hint:** Try selecting the button we've already created, copying it, and then pasting it.)
2. Create a button on the DQ worksheet to run the `DQAnalysis()` macro.
3. Answer this question: What happens if you create a button to run `ClearWorksheet()` on the DQ worksheet?
4. Create a button to run `ClearWorksheet()` on the DQ worksheet. Does its behavior match what you thought would happen?