Chapter 5

# Try It Yourself: Filter a Quantitative Variable

## Excel Instructions

1. Open Products.csv in Excel.
2. How many products have a price that is $45 or more?
   1. Verify that the header, or first row, of Column F reads Price.
   2. Highlight all of Column F.
   3. From the Excel ribbon at the top, go to 'Data' → 'Filter'. This action will enable a dropdown arrow on the header of Column F.
   4. Ensure no filters are set for other columns.
   5. Click the dropdown arrow in the Price column header in Column F.
   6. Choose Number Filters’ → ‘Greater Than Or Equal To…’
   7. Type 45 into the text box. Click ‘OK’. This will filter Price to include only values greater than or equal to 45.

h. After applying the filter, you can read its summary at the bottom of the screen saying that 10 of 77 records were found.

1. How many products have a price that is less than $10?
   1. To reset, clear the existing filter from Step 2 from your spreadsheet. Click the dropdown in Column F → “Clear Filter from ‘Price’”
   2. Repeat steps 2(e) - 2(g), except:
      1. In step (f), choose Number Filters’ → ‘Less Than…’
      2. In step (g), type 10 into the text box. This will filter Price to include only values less than 10.
   3. After applying the filter, you can read its summary at the bottom of the screen saying that 11 of 77 records were found.