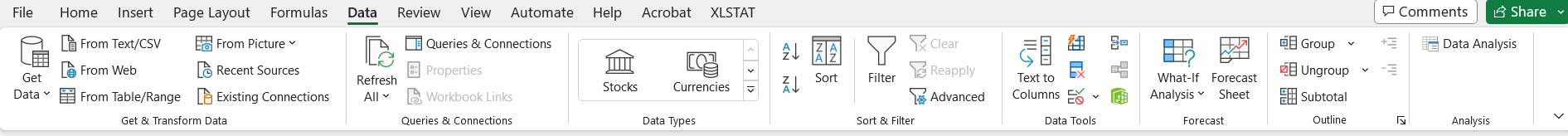
Chapter 7

# Try It Yourself: Draw Conclusions from a Correlation

## Excel Instructions - with **Data Analysis Toolpak**

1. Open the school.csv dataset in Excel.
2. Click “Data” tab
3. Click “Data Analysis” on the far right



1. Click “Correlation”
2. Click “OK”
3. Input Range → Select the data that includes gpa and avg\_course\_difficulty*,* B2:D59
4. Click “OK”
5. The correlation for this problem is in a new sheet in Cell B4 because that compares the first and third columns we selected: gpa and avg\_course\_difficulty.
6. Copy the value from the new sheet in Cell B4 to the ‘school’ sheet then click on the ‘school’ tab at the bottom
   1. In Cell G2, paste the value from the other sheet (this is the correlation)
   2. In Cell F2, type “Correlation:”

Calculating the p-value for a correlation using simulation is not currently available in Excel.