

# Beyond the Classroom

## Historical Stock Prices



You are interested in investing in the stock market. First, you need to research the historical prices for a particular stock. Launch a Web browser, go to [finance.yahoo.com](http://finance.yahoo.com), type a company name, such as Apple, and then select the company name from a list of suggested companies. Click the Historical Prices link. Copy the stock data (date, high, low, open, close, volume) for a six-month period and paste it in a new workbook, adjusting the column widths to fit the data. Save the workbook as **e03b1StockData\_LastFirst**. Rename Sheet1 **Data**. Display data for only the first date listed for each month; delete rows containing data for other dates. Sort the list from the oldest date to the newest date. Use Help if needed to learn how to sort data and how to create a Volume-Open-High-Low-Close chart. Then rearrange the data columns in the correct sequence. Format the data and column labels.

Insert a row to enter the company name and insert another row to list the company's stock symbol, such as AAPL. Copy the URL from the Web browser and paste it as a source below the list of data and the date you obtained the data. Merge the cells containing the company name and stock symbol through the last column of data and word-wrap the URL.

Create a Volume-Open-High-Low-Close chart on a new chart sheet named **Stock Chart**. Type an appropriate chart title. Set the primary vertical axis (left side) unit measurement to millions and include an axis title **Volume in Millions**. Include a secondary vertical axis (right side) title **Stock Prices**. Apply the Currency number style with 0 decimal places for the secondary axis values. Change the font size to 11 and the font color to Black, Text 1 on the vertical axes and category axis. Hide the legend.

Use Help to research how to insert text boxes. Insert a text box that describes the stock chart: white fill rectangles indicate the closing price was higher than the opening price; black fill rectangles indicate the closing price was lower than the opening price; etc. Create a footer with your name, the sheet name code, and the file name code on both worksheets. Save and close the file. Based on your instructor's directions, submit e03b1StockData\_LastFirst.

## Harper County Houses Sold



You want to analyze the number of houses sold by type (e.g., rambler, two story, etc.) in each quarter in Harper County. You entered quarterly data for 2018, calculated yearly total number of houses sold by each type, and quarterly total number of houses sold. You asked an intern to create a stacked column chart for the data, but the chart contains a lot of errors.

Open *e03b2Houses* and save it as **e03b2Houses\_LastFirst**. Identify the errors and poor design for the chart. Below the chart, list the errors and your corrections in a two-column format. Then correct the problems in the chart. Link the chart title to the cell containing the most appropriate label in the worksheet. Create a footer with your name, the sheet name code, and the file name code. Adjust the margins and scaling to print the worksheet data, including the error list, and the chart on one page. Save and close the file. Based on your instructor's directions, submit e03b2Houses\_LastFirst.