



It Works for Me

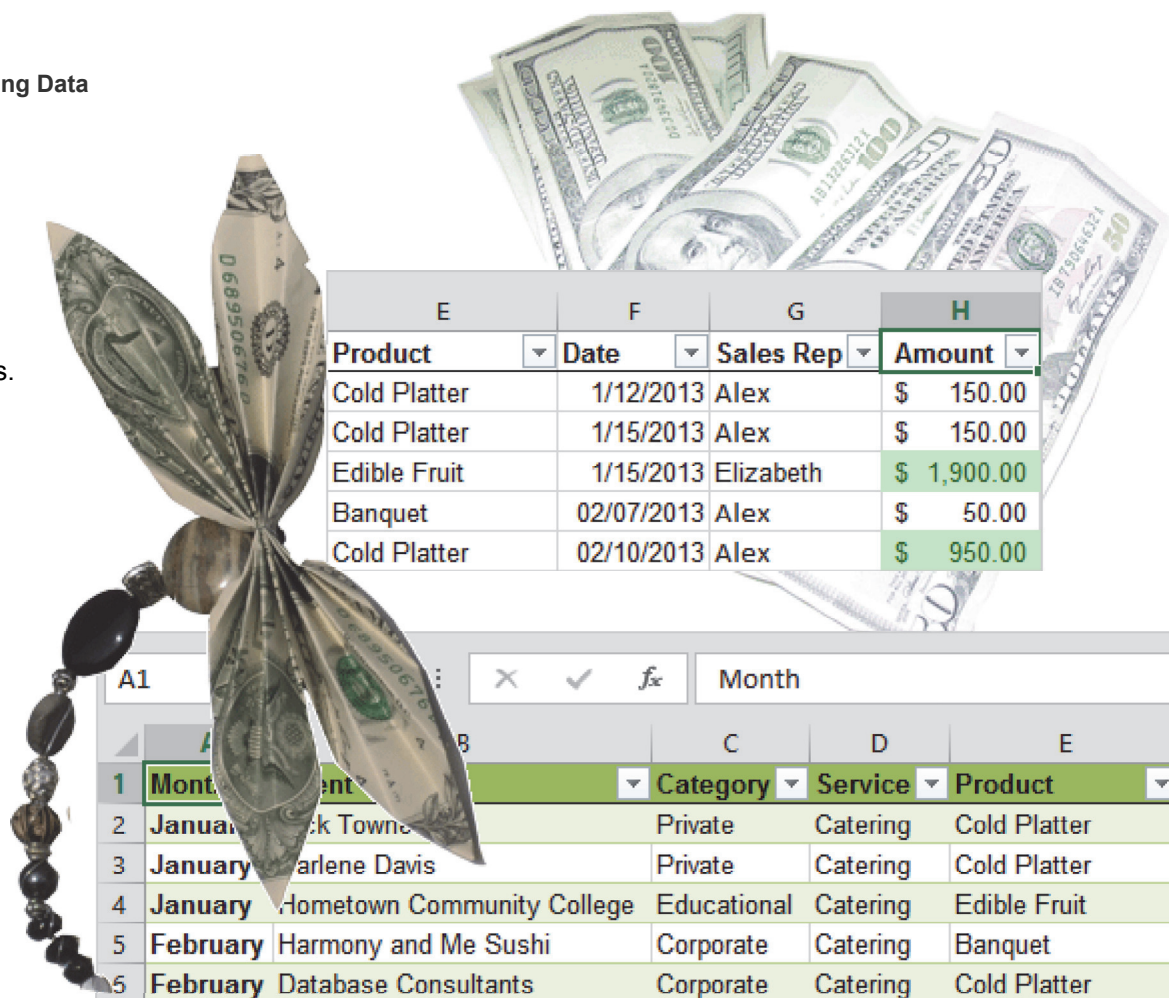
Advanced Excel Objectives

In this lesson, you will learn how to:

1. Create a Table.
2. Identify the Header Row with the Table Tools.
3. Locate the Quick Style Formats.
4. Use the Table Tools to add a Total Row.
5. Convert Tables to Text.
6. Convert Text to Tables.

ng Data

S.



E	F	G	H
Product	Date	Sales Rep	Amount
Cold Platter	1/12/2013	Alex	\$ 150.00
Cold Platter	1/15/2013	Alex	\$ 150.00
Edible Fruit	1/15/2013	Elizabeth	\$ 1,900.00
Banquet	02/07/2013	Alex	\$ 50.00
Cold Platter	02/10/2013	Alex	\$ 950.00

A1

✕

✓

f_x

Month

	B	C	D	E	
1	Month	Category	Service	Product	
2	January	Black Towne	Private	Catering	Cold Platter
3	January	Marlene Davis	Private	Catering	Cold Platter
4	January	Hometown Community College	Educational	Catering	Edible Fruit
5	February	Harmony and Me Sushi	Corporate	Catering	Banquet
6	February	Database Consultants	Corporate	Catering	Cold Platter



Lesson 1: It Works for Me

1. Readings

Read Lesson 1 in the Advanced Excel guide, page 11-44.

Project

A spreadsheet that works with Tables in Excel. This lesson shows how to present data visually, format data as a Table and calculate the Totals.

Downloads

[Sales 2013 Original Data.xlsx](#)

[Student Records.xlsx](#)

2. Practice

Complete the Practice Activity on page 45.

3. Assessment

Review the Test questions on page 46.

Table Tools

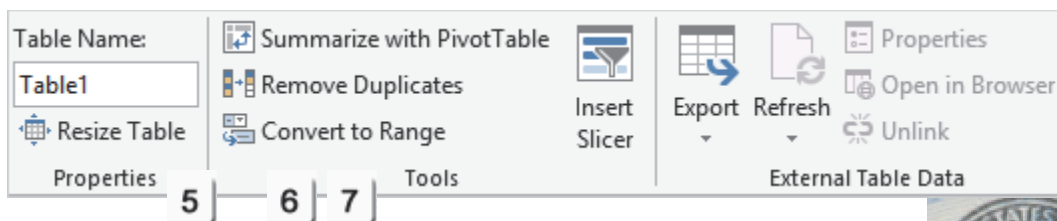
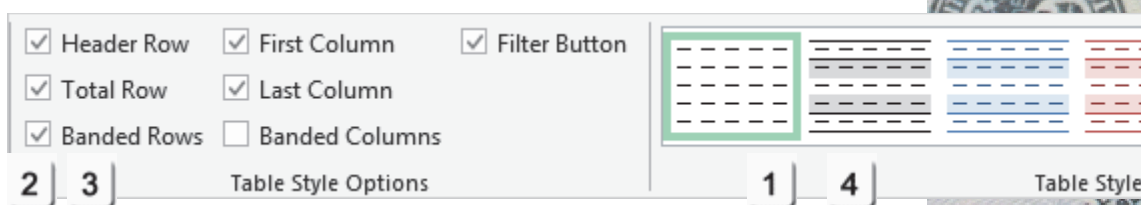


Table Tools



Menu Maps

This lesson demonstrates options on the **Table Tools** Ribbon.

1. [Table Tools->Design ->Table Styles](#), page 24
2. [Table Tools->Design ->Table Style Options->Header Row](#), page 25
3. [Table Tools->Design ->Table Style Options -> Total Row](#), page 27
4. [Table Tools-> Design ->Table Styles -> Clear](#), page 30
5. [Table Tools-> Design ->Properties-> Resize Table](#), page 41
6. [Table Tools-> Design ->Tools-> Remove Duplicates](#), page 42
7. [Table Tools-> Design ->Tools-> Convert to Range](#), page 44

From the **Home** Ribbon

[Home -> Conditional Formatting](#), page 31

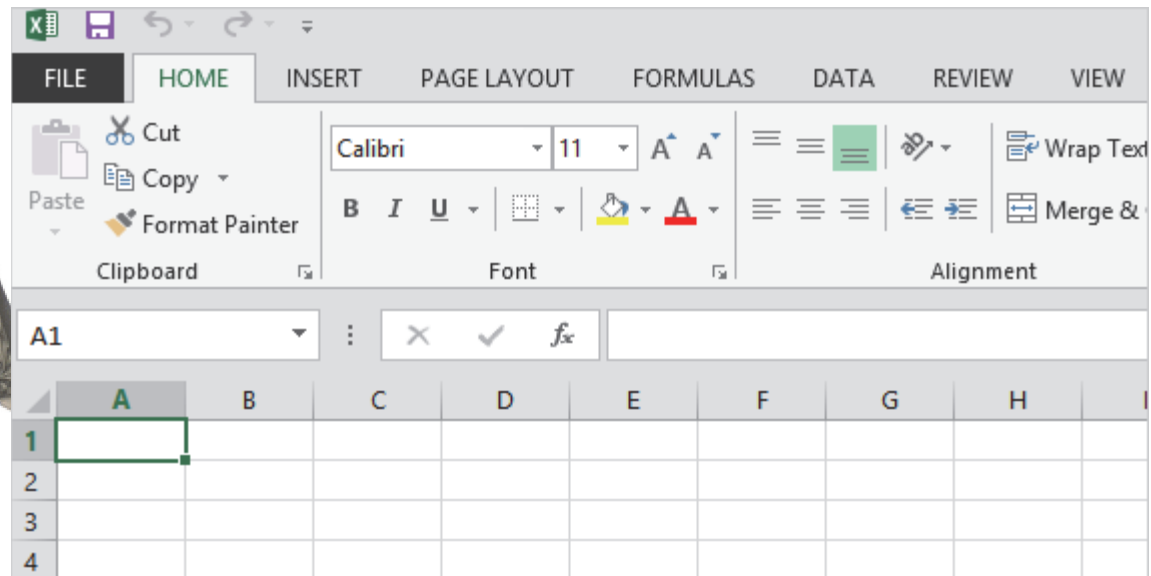




Organizing Data with Tables

One of the unique functions of a computer is to organize information into Rows and Columns. Microsoft Excel does Rows and Columns: specifically **Tables**. Tables can be little reference lists that are named and used in a formula. One good example is a Lookup table. By definition, vLookup has the data in Columns (vertical). Hlookup has the data in Rows (horizontal). The Advanced Guide to Excel begins with **Tables** and **Table Tools**.

Start Microsoft Excel. When the Welcome screen appears, open a new, blank workbook. **What do you see** from the top of the screen? Is there a **Home** Ribbon? And the **Insert, Page Layout, Formulas, Data, Review** and **View** Ribbons as well? Yes. Then you are ready to go.





Before You Begin

The purpose of this lesson is to investigate the **Table Options** in Microsoft Excel. You can use a spreadsheet that you created or download a sample spreadsheet if you wish.

1. Try This: Open a Sample Spreadsheet

Open a sample spreadsheet:

[Sales 2013 Original Data.xlsx](#)

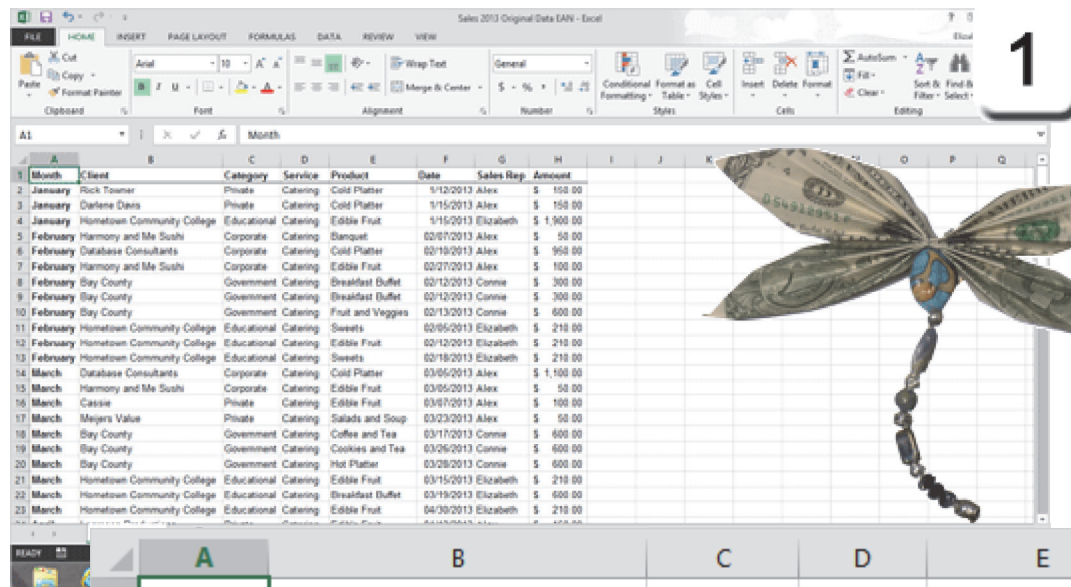
Go to the **Original Data** sheet.

What Do You See? This sheet shows the product sales for Charlotte' Website. The first row is **BOLD**: It is the Header Row. There are many rows of data.

So far, so good. Keep going...

Memo to Self: You do not have to **MATCH** the numbers shown on these pages. It is more important that you begin with some data and understand the options.

File -> Open



Month	Client	Category	Service	Product	Date	Sales Rep	Amount
January	Rick Towner	Private	Catering	Cold Platter	1/12/2013	Alex	\$ 150.00
January	Darlene Davis	Private	Catering	Cold Platter	1/15/2013	Alex	\$ 150.00
January	Hometown Community College	Educational	Catering	Edible Fruit	1/15/2013	Elizabeth	\$ 1,900.00
February	Harmony and Me Sushi	Corporate	Catering	Banquet	02/07/2013	Alex	\$ 50.00
February	Database Consultants	Corporate	Catering	Cold Platter	02/19/2013	Alex	\$ 950.00
February	Harmony and Me Sushi	Corporate	Catering	Edible Fruit	02/07/2013	Alex	\$ 100.00
February	Bay County	Government	Catering	Breakfast Buffet	02/12/2013	Connie	\$ 300.00
February	Bay County	Government	Catering	Breakfast Buffet	02/12/2013	Connie	\$ 300.00
February	Bay County	Government	Catering	Fruit and Veggies	02/13/2013	Connie	\$ 600.00
February	Hometown Community College	Educational	Catering	Sweets	02/05/2013	Elizabeth	\$ 210.00
February	Hometown Community College	Educational	Catering	Edible Fruit	02/12/2013	Elizabeth	\$ 210.00
February	Hometown Community College	Educational	Catering	Sweets	02/19/2013	Elizabeth	\$ 210.00
March	Database Consultants	Corporate	Catering	Cold Platter	03/05/2013	Alex	\$ 1,900.00
March	Harmony and Me Sushi	Corporate	Catering	Edible Fruit	03/05/2013	Alex	\$ 50.00
March	Cassie	Private	Catering	Edible Fruit	03/07/2013	Alex	\$ 100.00
March	Mejers Value	Private	Catering	Salads and Soup	03/23/2013	Alex	\$ 50.00
March	Bay County	Government	Catering	Coffee and Tea	03/17/2013	Connie	\$ 600.00
March	Bay County	Government	Catering	Cookies and Tea	03/26/2013	Connie	\$ 600.00
March	Bay County	Government	Catering	Hot Platter	03/28/2013	Connie	\$ 600.00
March	Hometown Community College	Educational	Catering	Edible Fruit	03/15/2013	Elizabeth	\$ 210.00
March	Hometown Community College	Educational	Catering	Breakfast Buffet	03/19/2013	Elizabeth	\$ 600.00
March	Hometown Community College	Educational	Catering	Edible Fruit	04/09/2013	Elizabeth	\$ 210.00



Still Before You Begin

A good administrator makes a COPY of the data before manipulating it.

2. Try This: Copy the Spreadsheet

Go to **Home -> Cells -> Format**.

Click on **Move or Copy Sheet**.

A new sheet will be inserted.

3. Try This: Rename the Worksheet

Click on the **Original Data (2)** tab.

Go to **Home -> Cells -> Format**.

Click on **Rename Sheet**.

The Name in the tab should be highlighted. Type: Data Tables.

Click ENTER on the keyboard.

Keep going...

Memo to Self: You can achieve the same results by right-clicking the tab, as shown.

Home -> Cells->Format->Move or Copy Sheet

12	February	Hometown Community College	Educational	Catering	Edible Fruit
13	February	Hometown Community College	Educational	Catering	Sweets
14	March	Database Consultants	Government	Catering	Cold Platter
15	March	Harmony and Me	Government	Catering	Edible Fruit
16	March	Cassie	Government	Catering	Edible Fruit
17	March	Meijers Value	Government	Catering	Salads and Soup
18	March	Bay County	Government	Catering	Coffee and Tea
19	March	Bay County	Government	Catering	Cookies and Tea
20	March	Bay County	Government	Catering	Hot Platter
21	March	Hometown Community College	Educational	Catering	Edible Fruit
22	March	Hometown Community College	Educational	Catering	Breakfast Buffet
23	March	Hometown Community College	Educational	Catering	Edible Fruit
24	April	Private	Private	Catering	Edible Fruit

Insert...

Delete

Rename

Move or Copy...

View Code

Protect Sheet...

Tab Color

Hide

Unhide...

Select All Sheets

Original Data

18	February	Bay County	Government	Catering	Breakfast Buffet
19	February	Bay County	Government	Catering	Breakfast Buffet
20	February	Bay County	Government	Catering	Fruit and Veg
21	February	Hometown Community College	Educational	Catering	Sweets
22	February	Hometown Community College	Educational	Catering	Edible Fruit
23	February	Hometown Community College	Educational	Catering	Sweets
24	January	Private	Private	Catering	Cold Platter

Data TablesOriginal Data

Exam 77-420 Microsoft Excel 2013

1. Create and Manage Worksheets and Workbooks

1.1 Create Worksheets and Workbooks: Copy and Move Worksheets



Sort & Filter: A to Z

So, here is a list of clients that bought products from Charlotte's Website. The fields in the Header Row include the name, date, product and amount for the sales.

4. Try This: Sort & Filter the Data

Select the entire spreadsheet.

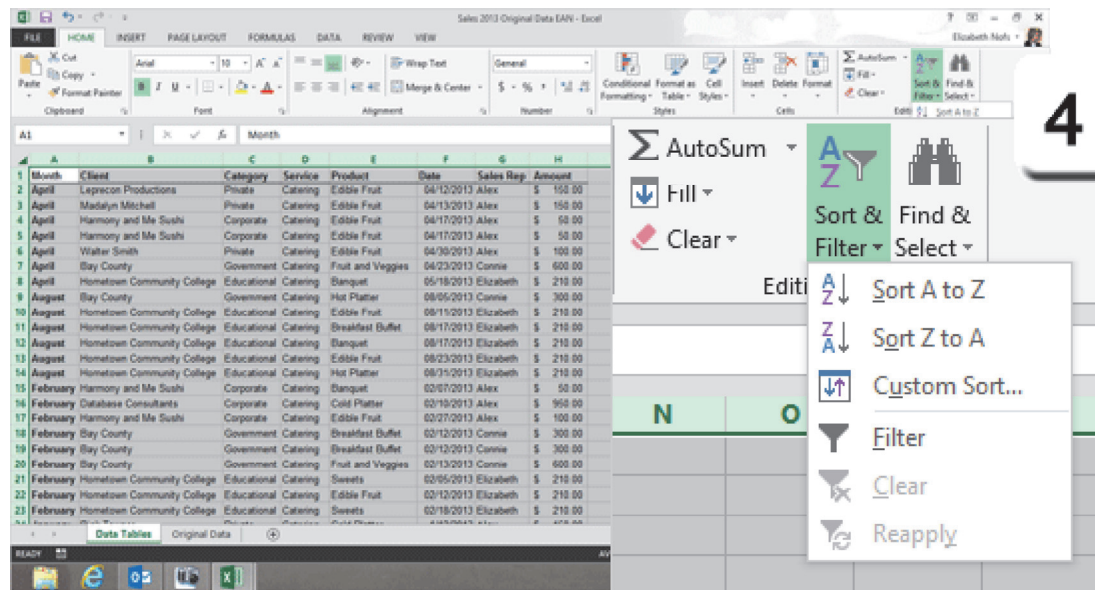
Go to **Home -> Editing->Sort & Filter**.

Select: **Sort A-Z**.

What Do You See? The data is sorted by the first Column. By default, the data is sorted alphabetically. So, the names of the months go from April (A) through September (S)....that's not what most people have in mind.

Try Again: Undo the last step and keep going...

Home -> Editing->Sort & Filter->Sort A to Z



	A	B	C	D	E
1	Month	Client	Category	Service	Product
2	April	Leprecon Productions	Private	Catering	Edible Fruit
3	April	Madalyn Mitchell	Private	Catering	Edible Fruit
4	April	Harmony and Me Sushi	Corporate	Catering	Edible Fruit
5	April	Harmony and Me Sushi	Corporate	Catering	Edible Fruit
6	April	Walter Smith	Private	Catering	Edible Fruit

Exam 77-420 Microsoft Excel 2013

2. Create Cells and Ranges

2.3 Order and Group Cells and Ranges: Sort



Data: Sort Order

There is another kind of **Sort** that can be found on the **Data** Ribbon. This Sort lets you use one or several criteria. The criteria comes from the names in the Header Row.

5. Try it: Data Sort

Select the whole spreadsheet.

Go to **Data -> Sort & Filter -> Sort**.



What Do You See? The options include:

Add Level

Delete Level

Copy Level

Options

There should be a check mark for:

My data has headers.

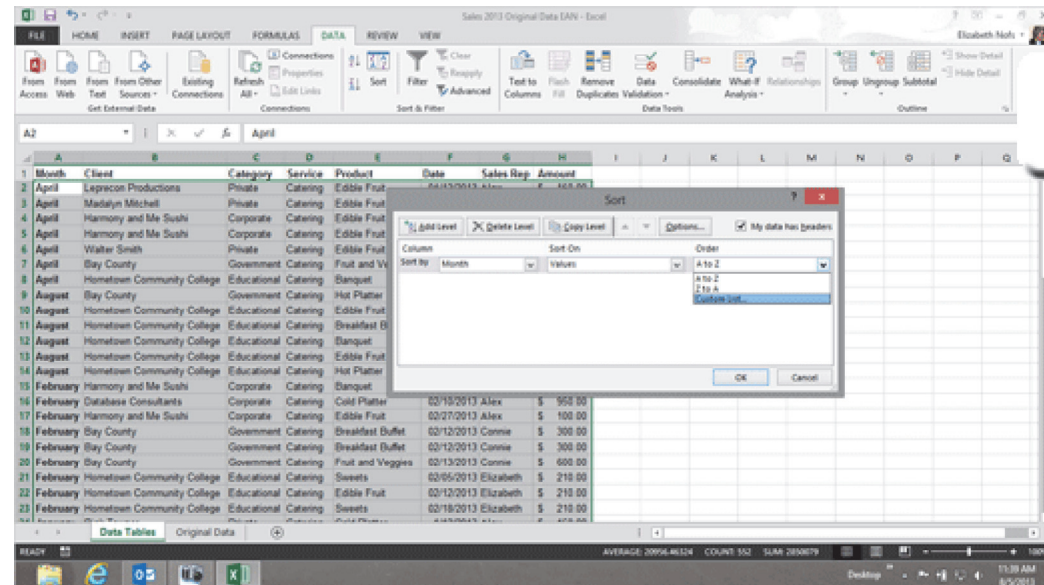
Try This, Too: Edit the Sort Options

Sort by: Month

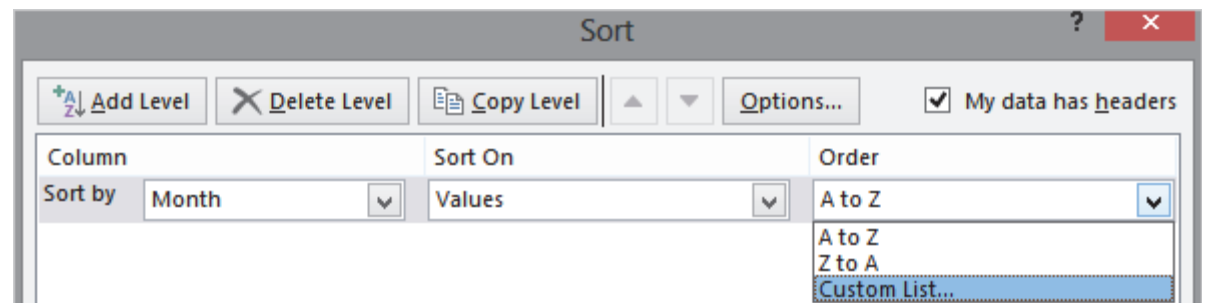
Sort On: Values

Order: Custom List (Remember, A to Z didn't work for Months.) Keep going...

Data -> Sort & Filter -> Sort



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Exam 77-420 Microsoft Excel 2013

2. Create Cells and Ranges

2.3 Order and Group Cells and Ranges: Sort Order



Data: Custom Sort Criteria

What Do You See? Spreadsheets are used for financials and financials are recorded by date. Spreadsheets like Excel recognize that Months are sorted in calendar order, not alphabetically. Here are the steps:

6. Try it: Choose a Custom List

Select the spreadsheet.

Go to **Data -> Sort & Filter -> Sort**.

Go to **Order -> Custom List**.

Select: January, February, March, April...

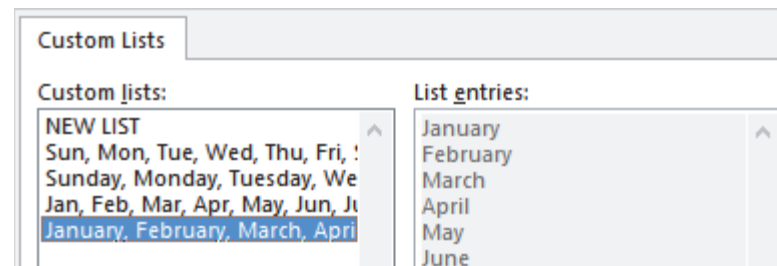
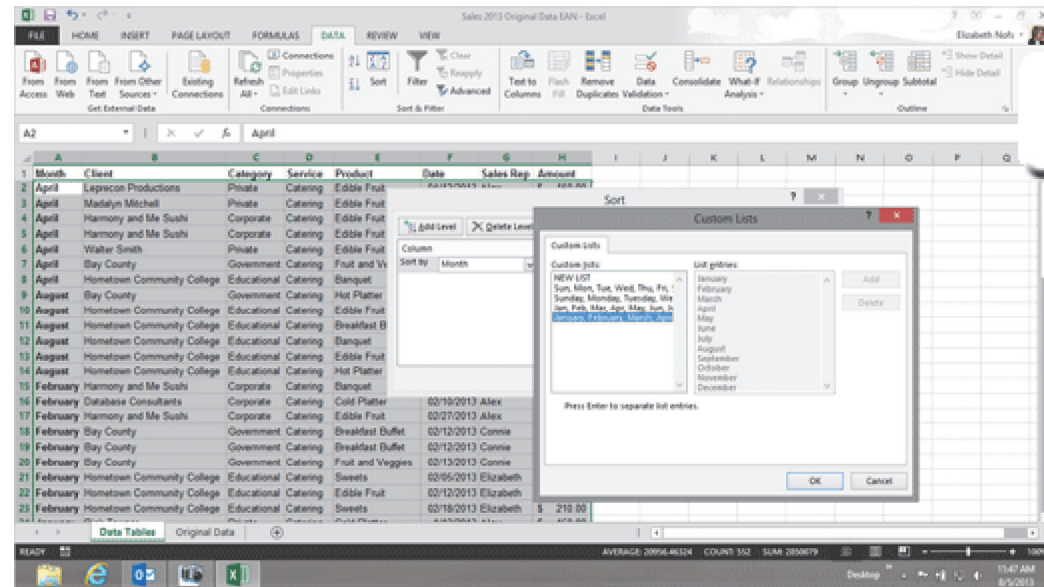
This is the **List** that matches our data.

Click **OK**, then **OK** again to save and close both windows. The entire list has been sorted. Not bad, huh?

Keep going...

The Computer Mama sez: In the 1980s, Fr. Paul wanted to sort 550 families on a PDP 11 computer. It took most of the night. Computers are faster now, aren't they?

Data -> Sort & Filter -> Sort -> Order -> Custom List



Exam 77-420 Microsoft Excel 2013
2. Create Cells and Ranges
2.3 Order and Group Cells and Ranges: Custom Sort Lists



Data: Sort by Multiple Criteria

Sometimes, it is useful to **Sort** the information by more than one criteria. Say you wanted to see how much each sales rep sold by month.

7. Try it: Sort by Multiple Criteria

Select the entire spreadsheet.

Go to **Data -> Sort & Filter -> Sort**.

The **Order** is **Custom**: January, February, March

Click on **Add Level** to add a second Row.

Choose: Sales Rep

The Order is A to Z.

Click on **Add Level** again to add another Row.

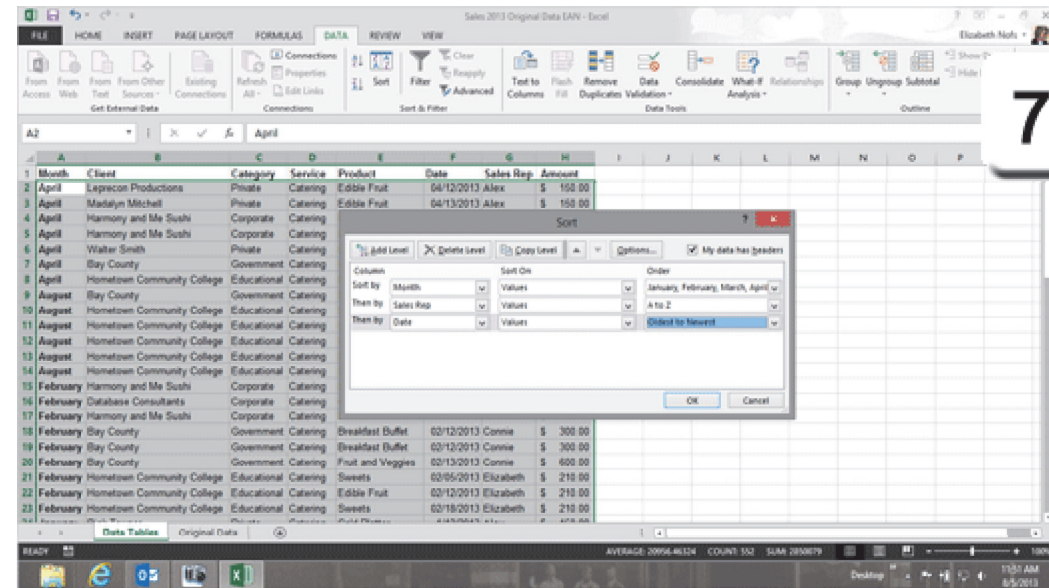
Choose: Date

The Order is Oldest to Newest.

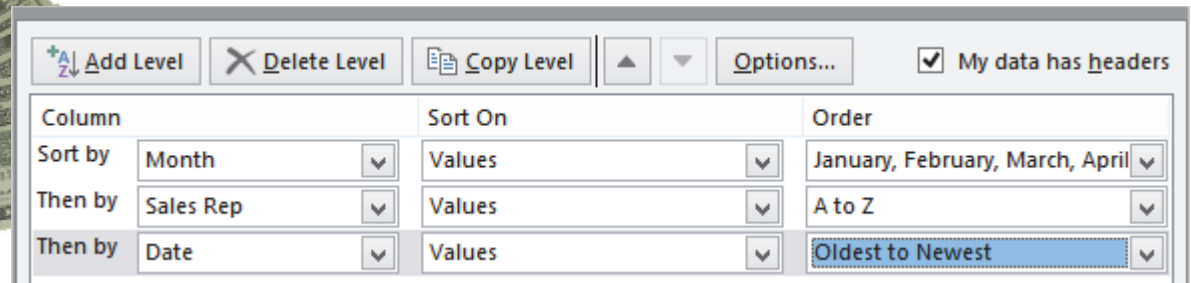
Click **OK**.



Data -> Sort & Filter -> Sort -> Add Level



7



Exam 77-420 Microsoft Excel 2013

2. Create Cells and Ranges

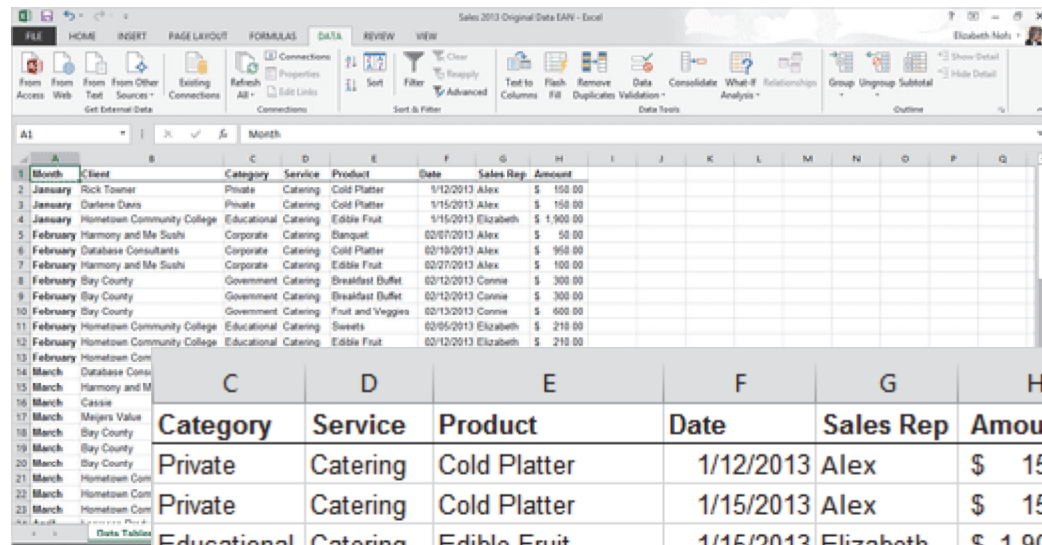
2.3 Order and Group Cells and Ranges: Sort by Multiple Criteria



Summary of List Options

What Do You See? The information was sorted to our criteria. However, it is very difficult to read and interpret the data. It all looks the same. This looks like a list with details, details and still more details.

A **Table** is a easy to format and filter. You can also use a Table to calculate numbers in a **Total Row**. Interested? OK, start here...



Month	Client	Category	Service	Product	Date	Sales Rep	Amount
January	Rick Toomer	Private	Catering	Cold Platter	1/12/2013	Alex	\$ 150.00
January	Garlene Davis	Private	Catering	Cold Platter	1/15/2013	Alex	\$ 150.00
January	Hometown Community College	Educational	Catering	Edible Fruit	1/15/2013	Elizabeth	\$ 1,900.00
February	Harmony and Me Sushi	Corporate	Catering	Banquet	02/07/2013	Alex	\$ 50.00
February	Database Consultants	Corporate	Catering	Cold Platter	02/10/2013	Alex	\$ 950.00
February	Harmony and Me Sushi	Corporate	Catering	Edible Fruit	02/27/2013	Alex	\$ 100.00
February	Bay County	Government	Catering	Breakfast Buffet	02/12/2013	Connie	\$ 300.00
February	Bay County	Government	Catering	Breakfast Buffet	02/12/2013	Connie	\$ 300.00
February	Bay County	Government	Catering	Fruit and Veggies	02/13/2013	Connie	\$ 600.00
February	Hometown Community College	Educational	Catering	Sweets	02/05/2013	Elizabeth	\$ 210.00
February	Hometown Community College	Educational	Catering	Edible Fruit	02/12/2013	Elizabeth	\$ 210.00
March	Database Consultants	Corporate	Catering	Cold Platter	02/12/2013	Connie	\$ 300.00
March	Harmony and Me Sushi	Corporate	Catering	Edible Fruit	02/27/2013	Alex	\$ 100.00
March	Cassie	Private	Catering	Cold Platter	1/12/2013	Alex	\$ 150.00
March	Mejers Value	Private	Catering	Cold Platter	1/15/2013	Alex	\$ 150.00
March	Bay County	Government	Catering	Breakfast Buffet	02/12/2013	Connie	\$ 300.00
March	Bay County	Government	Catering	Breakfast Buffet	02/12/2013	Connie	\$ 300.00
March	Bay County	Government	Catering	Fruit and Veggies	02/13/2013	Connie	\$ 600.00
March	Hometown Community College	Educational	Catering	Sweets	02/05/2013	Elizabeth	\$ 210.00
March	Hometown Community College	Educational	Catering	Edible Fruit	02/12/2013	Elizabeth	\$ 210.00





Format as Table

Rows and Columns can be organized into a **Table**. A Table has Properties that can be formatted much more easily than a **List**. Here are the steps to convert a List into a Table.

1. Try It: Format a Table

Select Cell A1.

Go to **Home->Styles**.

Click on **Format as Table**.

Choose: Table Style Medium 4.

Where is the data for your table?

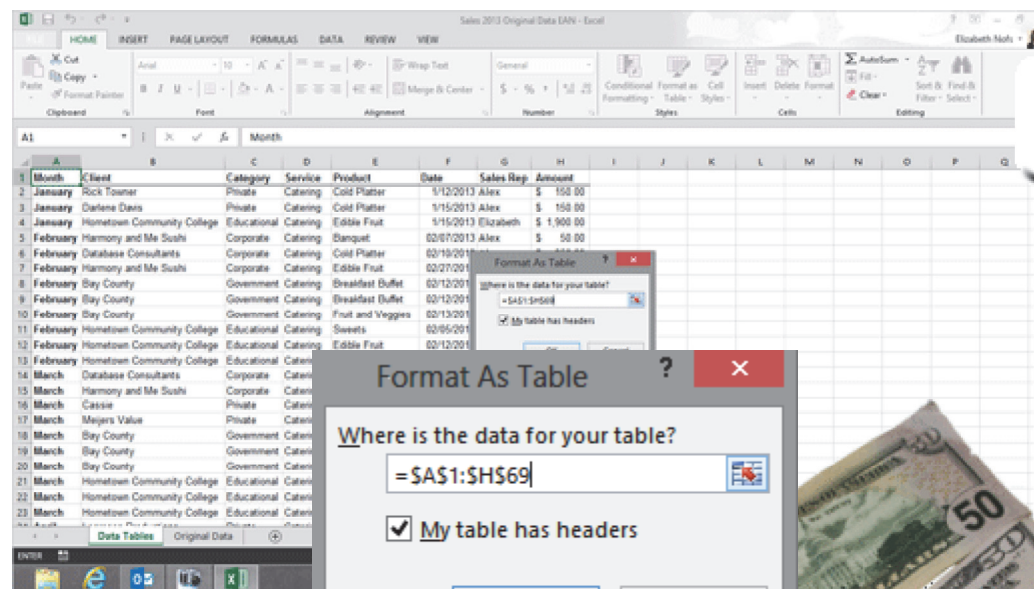
You will be prompted to select the **Range** for you data. In the example on this page, Excel selected all of the Cells from \$A\$1:\$H\$69. The Range is Absolute.

What Else Do You See? There should be a check mark for My table has headers.

Click **OK**.

Keep going, please...

Home->Styles->Format as Table



1

Exam 77-420 Microsoft Excel 2013

3. Create Tables

3.1 Create a Table: Create a Table



Hello, Table!

2. What Do You See? The data has been formatted as a Table. The Header Row is Bold and it has little filters: Drop-down option lists.

The rows of customer information have been formatted to make the data easier to read.

What Else Do You See? The **Table Tools** should be available.

Keep going...

Where Have You Seen This Before? Microsoft Word has Table Tools, as well. However, Word has two Ribbons: Design and Layout. Microsoft Excel already recognizes Rows and Columns, whereas Word has to define them with the Layout Ribbon.

Table Tools->Design

TABLE TOOLS

DESIGN

☒ Header Row ☐ First Column ☒ Filter Button

☐ Total Row ☐ Last Column

☒ Banded Rows ☐ Banded Columns

Table Style Options

Month	Client	Category	Service	Product
January	Rick Towner	Private	Catering	Cold Platter
January	Darlene Davis	Private	Catering	Cold Platter
January	Hometown Community College	Educational	Catering	Edible Fruit
February	Harmony and Me Sushi	Corporate	Catering	Banquet
February	Database Consultants	Corporate	Catering	Cold Platter

Exam 77-420 Microsoft Excel 2013

3. Create Tables

3.1 Create a Table: Create a Table



Use the Header Row

You can use the Header Row to **Sort** and **Filter** the data.

3. Try It: Use the Header Row Filters

Select the **Sales Rep** Filter.

Sort the Column A to Z.

Try This, Too: Filter the Data

Filter the **Sales Reps**: Connie and Niki.

What Do You See? Only the Rows where Connie or Niki are the Sales Reps are shown. The other rows are hidden.

What Else Do You See? This Table has **Banded Rows**. Does the formatting update when you choose different **Filters**?

Where Have You Seen This Before? The Header Row is used to create Mail Merge Fields in Microsoft Word, too.

3

Exam 77-420 Microsoft Excel 2013
3. Create Tables
3.3 Filter and Sort aTable: Filter Records



Table Styles

Formatting makes the data easier to read and understand. Microsoft Excel has a library of **Table Styles**. The Styles format the Headers as well as the Columns and Rows.

Before You Begin: Please click anywhere on the Table to select it. The **Table Tools** should be available.

4. Try It: Apply a Table Style

Go to **Table Tools->Design**.

Go to **Table Styles**.

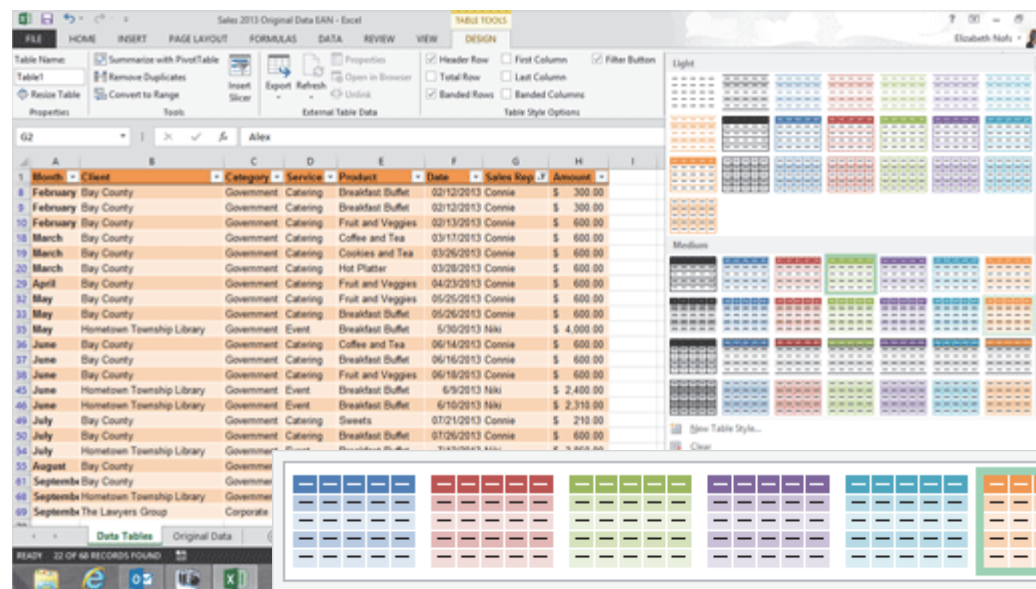
Select a **Quick Style** from the library.

What Do You See? The Table Styles are grouped by Light, Medium and Dark.

What Else Do You See? The Sales Rep data is Filtered. There is a little funnel symbol on the Field.

Keep going...

Table Tools->Design ->Table Styles



4

Table Styles

E	F	G	H
Product	Date	Sales Rep	Amount
Breakfast Buffet	02/12/2013	Connie	\$ 300.00
Breakfast Buffet	02/12/2013	Connie	\$ 300.00
Fruit and Veggies	02/13/2013	Connie	\$ 600.00
Coffee and Tea	03/17/2013	Connie	\$ 600.00

Exam 77-420 Microsoft Excel 2013

3. Create Tables

3.2 Modify a Table: Apply Styles to Tables



Table Style Options

You can use the **Table Style Options** to display the Header Row, Total Row and formatting if you wish.

5. Try It: Add or Remove the Header

Go to **Table Tools-> Design**.

Look in the **Table Style Options**.

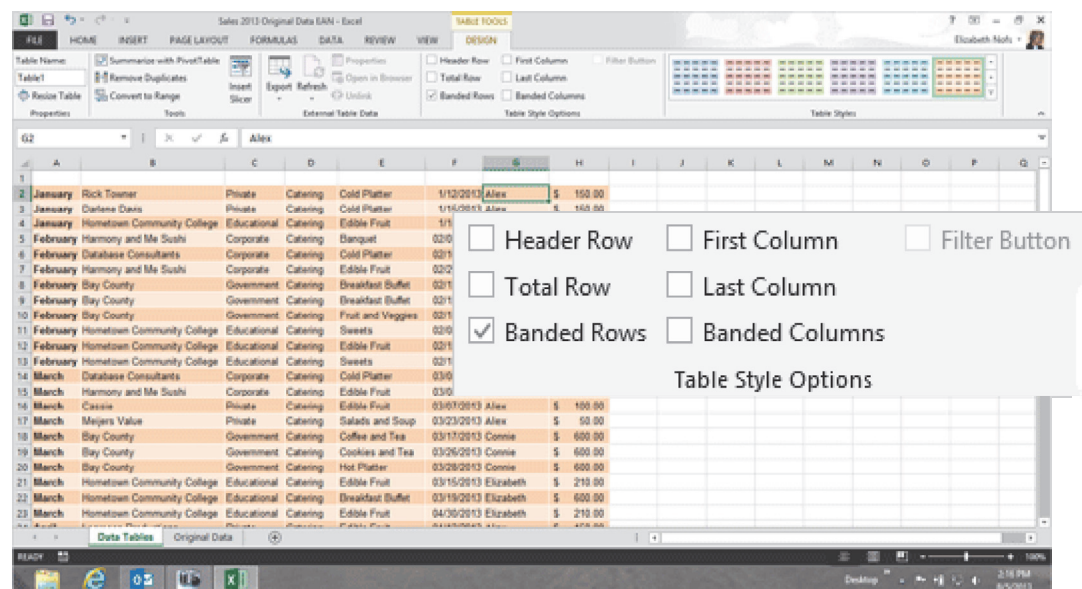
Uncheck the **Header Row**.

What Do You See? When you turn off the Header Row, the first Row becomes blank. You may also see an error message that warns that turning off the Header Row will change the answer in the Total Row. Yes, it will. The Filter and the Filter button on Sales Rep will be removed when you turn off the Header Row so you should see all four Sales Reps shown in the Total.

Trust But Verify: Turn the Header Row back on, please. The Header and the Filters should be available again.

Memo to Self: The Header Row Field Names are saved in the Table Properties.

Table Tools->Design ->Table Style Options



E	F	G	H
Cold Platter	1/12/2013	Alex	\$ 150.00
Cold Platter	1/15/2013	Alex	\$ 150.00
Edible Fruit	1/15/2013	Elizabeth	\$ 1,900.00
Banquet	02/07/2013	Alex	\$ 50.00
Cold Platter	02/10/2013	Alex	\$ 950.00

Exam 77-420 Microsoft Excel 2013

3. Create Tables

3.2 Modify a Table: Apply Table Style Options (Header Row)



Table Style Options

Color is an effective method to indicate which data should get the most attention.

Before You Begin: Please click anywhere on the Table to select it. The **Table Tools** should be available. The **Filter** is off: All of the Sales Reps are selected.

6. Try It: Edit the Table Style Options

Go to **Table Tools->Design**.

Go to **Table Style Options**.

Select: **Banded Rows**.

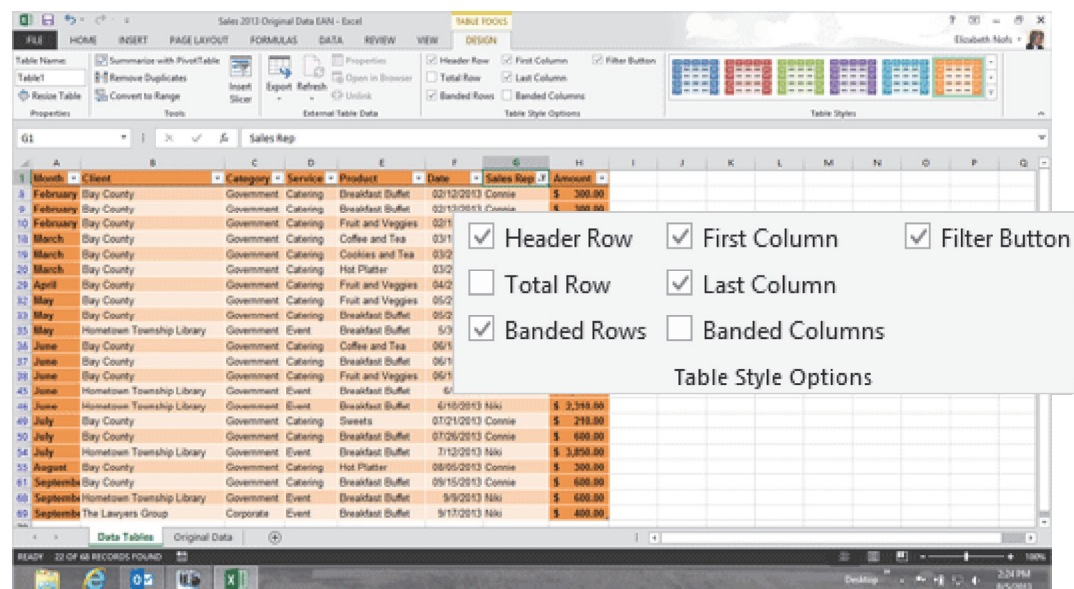
Select: **First Column** and **Last Column**.

What Do You See? The Table Styles emphasized the first and last columns by formatting the Cells Bold.

The **Banded Rows** make it easier to read across a Row.

You can keep going, there's more...

Table Tools->Design ->Table Style Options



E	F	G	H
Product	Date	Sales Rep	Amount
Cold Platter	1/12/2013	Alex	\$ 150.00
Cold Platter	1/15/2013	Alex	\$ 150.00
Edible Fruit	1/15/2013	Elizabeth	\$ 1,900.00
Banquet	02/07/2013	Alex	\$ 50.00

Exam 77-420 Microsoft Excel 2013

3. Create Tables

3.2 Modify a Table: Banded Rows and Columns



">



Calculate the Totals

Adding a **Total Row** to the Table is as simple as checking the option.

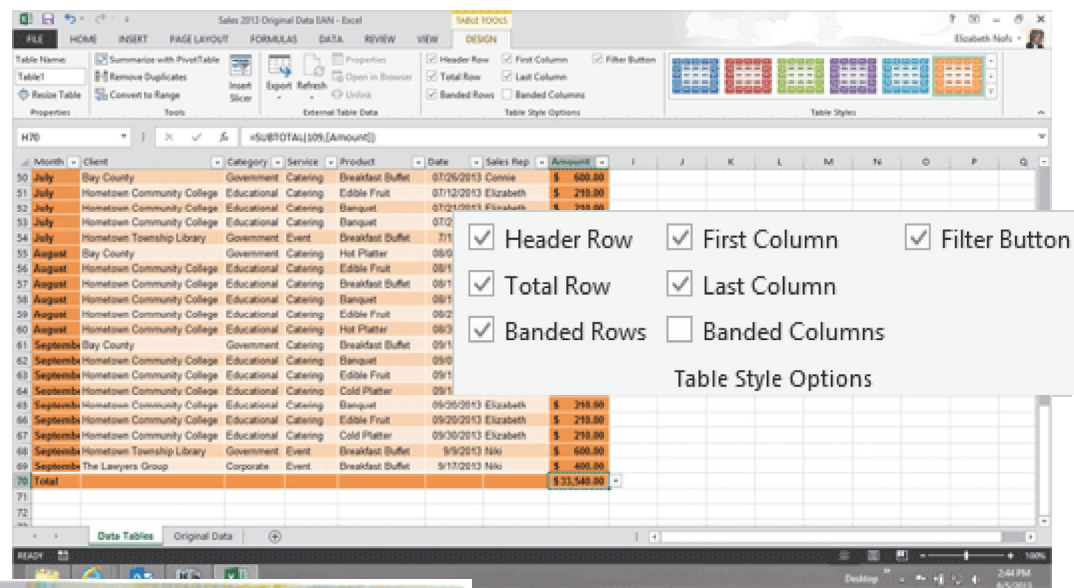
Before You Begin: Click on the Table. The Table Tools should be available.

7. Try It: Add a Total Row
Go to **Table Tools->Design**.
Go to **Table Style Options**.
Select: **Total Row**.

What Do You See? By default, the Total Row will be added to the bottom of the Table. Microsoft Excel will insert a formula for your Total: \$33,540.00.

Keep going, OK?

Table Tools->Design ->Table Style Options -> Total Row



Edible Fruit	09/20/2013	Elizabeth	\$ 210.00	
Cold Platter	09/30/2013	Elizabeth	\$ 210.00	
Breakfast Buffet	9/9/2013	Niki	\$ 600.00	
Breakfast Buffet	9/17/2013	Niki	\$ 400.00	
			\$33,540.00	

Exam 77-420 Microsoft Excel 2013
3. Create Tables
3.2 Modify a Table: Insert a Total Row



->

Edit the Total Row

Click on the Total number: It adds the Sum of the Amounts in this Column. You can change the operation from Sum to Average, Count, Max, Min or any of the options available in the extensive library.

8. Try It: Edit the Total Row Function

Select: Cell H70. In this example, it is the Cell with the Total formula.

Select a Function: Average.

What Do You See? The average price will be calculated.

Memo to Self: How would someone know that this is the Average, and not the Sum? Labels, Labels, Labels.

Table Tools->Design ->Table Style Options -> Total Row

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Month	Client	Category	Service	Product	Date	Sales Rep	Amount
July	Bay County	Government	Catering	Breakfast Buffet	07/06/2013	Connie	\$ 600.00
July	Hometown Community College	Educational	Catering	Edible Fruit	07/12/2013	Elizabeth	\$ 210.00
July	Hometown Community College	Educational	Catering	Banquet	07/21/2013	Elizabeth	\$ 210.00
July	Hometown Community College	Educational	Catering	Banquet	07/21/2013	Elizabeth	\$ 210.00
July	Hometown Township Library	Government	Event	Breakfast Buffet	7/12/2013	Niki	\$ 3,850.00
August	Bay County	Government	Catering	Hot Platter	08/05/2013	Connie	\$ 300.00
August	Hometown Community College	Educational	Catering	Edible Fruit	08/11/2013	Elizabeth	\$ 210.00
August	Hometown Community College	Educational	Catering	Breakfast Buffet	08/17/2013	Elizabeth	\$ 210.00
August	Hometown Community College	Educational	Catering	Edible Fruit	08/23/2013	Elizabeth	\$ 210.00
August	Hometown Community College	Educational	Catering	Hot Platter	08/31/2013	Elizabeth	\$ 210.00
September	Bay County	Government	Catering	Breakfast Buffet	09/15/2013	Connie	\$ 600.00
September	Hometown Community College	Educational	Catering	Banquet	09/07/2013	Elizabeth	\$ 210.00
September	Hometown Community College	Educational	Catering	Edible Fruit	09/14/2013	Elizabeth	\$ 210.00
September	Hometown Community College	Educational	Catering	Cold Platter	09/14/2013	Elizabeth	\$ 210.00
September	Hometown Community College	Educational	Catering	Banquet	09/26/2013	Elizabeth	\$ 210.00
September	Hometown Community College	Educational	Catering	Edible Fruit	09/26/2013	Elizabeth	\$ 210.00
September	Hometown Community College	Educational	Catering	Cold Platter	09/30/2013	Elizabeth	\$ 210.00
September	Hometown Township Library	Government	Event	Breakfast Buffet	9/9/2013	Niki	\$ 400.00
September	The Lawyers Group	Corporate	Event	Breakfast Buffet	9/17/2013	Niki	\$ 493.24
Total							\$ 493.24

Elizabeth	\$ 210.00
Elizabeth	\$ 210.00
Elizabeth	\$ 210.00
Elizabeth	\$ 210.00
Elizabeth	\$ 210.00
Elizabeth	\$ 210.00
Niki	\$ 400.00
Niki	\$ 493.24

Cold Platter	09/30/2013	Elizabeth	\$ 210.00
Breakfast Buffet	9/9/2013	Niki	\$ 600.00
Breakfast Buffet	9/17/2013	Niki	\$ 400.00
			\$ 493.24

Exam 77-420 Microsoft Excel 2013
3. Create Tables
3.2 Modify a Table: Edit the Total Row



Add to the Table

Is the Table flexible? Can you add another Row or Column to the Table without losing the formatting, totals calculations, or otherwise breaking it?

Try It: Add a Row

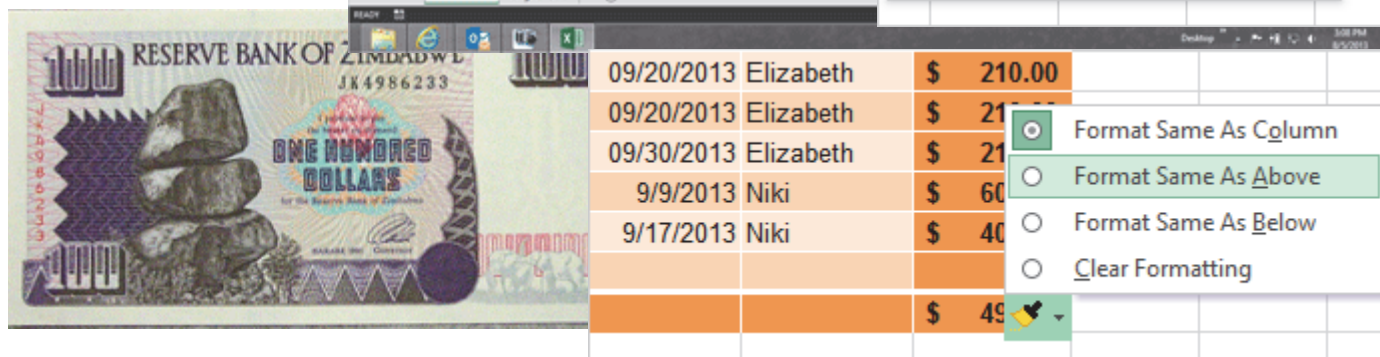
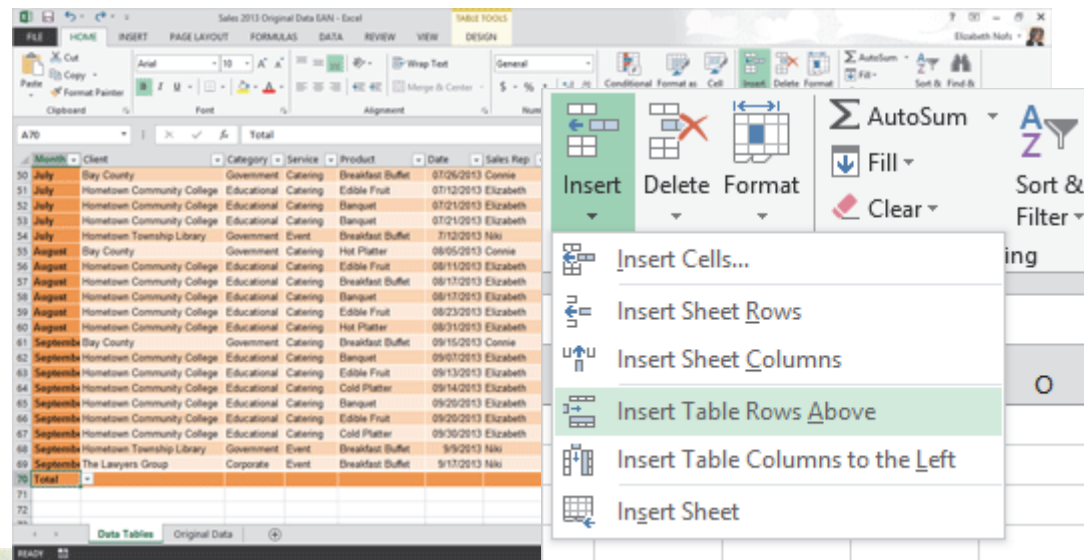
Select any Cell in the Total Row.

Go to **Home->Cells->Insert**.

Click on **Insert Table Rows Above**.

What Do You See? After you insert a new Row or Column, you may see a small format painter. You can click on the arrow and choose the formatting for the new Row.

Home->Cells->Insert->Insert Table Rows Above



Exam 77-420 Microsoft Excel 2013

3. Create Tables

3.1 Create a Table: Add and Remove Cells within Tables



Conditional Formatting

People have a hard time reading numbers. You can use color to show trends or make comparisons, say High, Medium, and Low.

Microsoft Excel calls this **Conditional Formatting**. The color depends on the condition, which you can choose.

Let's look at the options.

1. Try This: Clear the Styles

Click on the Table. The Table Tools should be available.

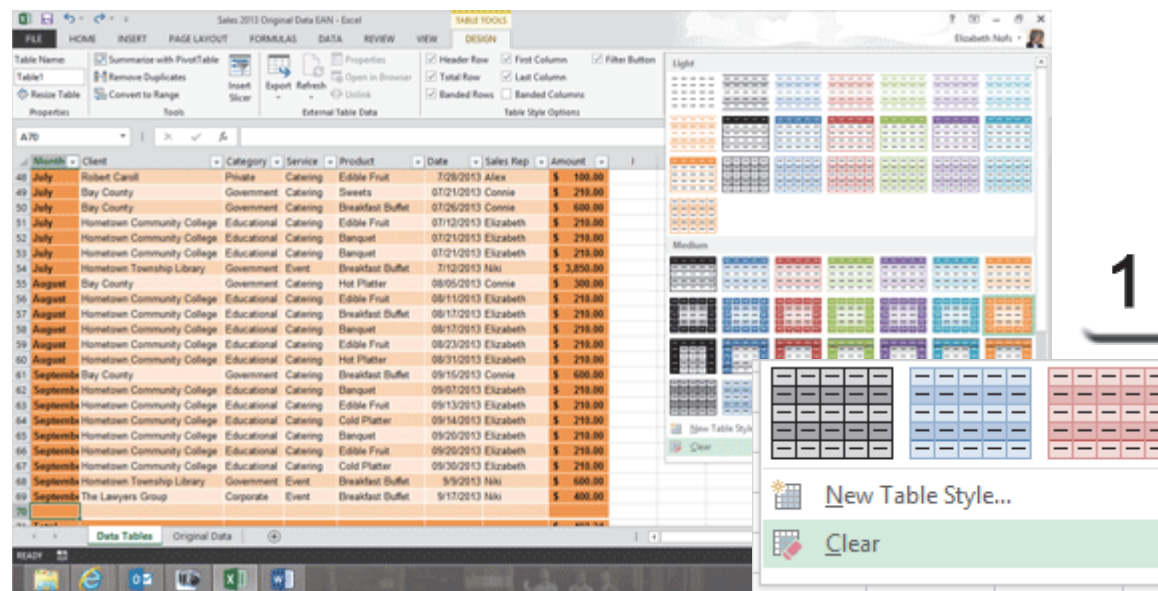
Go to **Table Tools->Design**.

Go to **Table Styles -> More->Clear**.

What Do You See? The Table Styles should be cleared.

Keep going...

Table Tools-> Design ->Table Styles -> More->Clear



Product	Date	Sales Rep	Amount
Cold Platter	1/12/2013	Alex	\$ 150.00
Cold Platter	1/15/2013	Alex	\$ 150.00
Edible Fruit	1/15/2013	Elizabeth	\$ 1,900.00
Banquet	02/07/2013	Alex	\$ 50.00

Exam 77-420 Microsoft Excel 2013

3. Create Tables

3.2 Modify a Table: Remove Styles from Tables



Conditional Formats

Microsoft Excel has a library of **Conditional Formatting** including Data Bars, Color Sets and Icons.

Each of these formats is based on Conditional Formulas, or **Rules**. Let's start with a simple Rule: show me any amount that is above the average.

2. Try It: Above or Below Average?

Select Column H.

In the sample spreadsheet, this is the column with the Amount.

Go to **Home -> Styles**.

Go to **Conditional Formatting**.

Go to **Top/Bottom Rules**.

Select: **Above Average**.

Keep going, you will be prompted...

Home-> Styles-> Conditional Formatting -> Top/Bottom Rules

The screenshot shows the Excel ribbon with the 'Home' tab selected. The 'Styles' group is expanded, showing 'Conditional Formatting', 'Format as Table', and 'Cell Styles'. The 'Conditional Formatting' dropdown menu is open, showing 'Highlight Cells Rules', 'Top/Bottom Rules', 'Data Bars', 'Color Scales', 'Icon Sets', 'New Rule...', 'Clear Rules', and 'Manage Rules...'. The 'Top/Bottom Rules' submenu is open, showing 'Top 10 Items...', 'Top 10 %...', 'Bottom 10 Items...', 'Bottom 10 %%', 'Above Average...', 'Below Average...', and 'More Rules...'. The 'Above Average...' option is highlighted. A large number '2' is overlaid on the right side of the image.

Sales Rep	Amount
Alex	\$ 150.00
Alex	\$ 150.00
Elizabeth	\$ 1,900.00
Alex	\$ 50.00
Alex	\$ 950.00
Alex	\$ 100.00
Connie	\$ 300.00
Connie	\$ 300.00
Connie	\$ 600.00
Elizabeth	\$ 210.00
Elizabeth	\$ 210.00
Elizabeth	\$ 210.00

Exam 77-427 Microsoft Excel 2013 EXPERT

2. Apply Custom Formats and Layouts

2.2 Apply Advanced Conditional Formatting and Filtering: Apply Rules



Choose the Formatting

What Do You See? You will be prompted to select the colors when you select a **Top/Bottom Rule**.

In the example on this page, the suggested color is red, which isn't what people expect if the amount is **ABOVE** the Average.

Green means go: It is used to indicate financial success.

3. Try It: Format Cells

Select **Green Fill with Dark Green Text**, please. Click **OK**. The Amount in Column H will be formatted Green if it is Above Average.

Home-> Styles-> Conditional Formatting-> Top/Bottom Rules

Format cells that are ABOVE AVERAGE:

for the selected range with

- Light Red Fill with Dark Red Text
- Light Red Fill with Dark Red Text
- Yellow Fill with Dark Yellow Text
- Green Fill with Dark Green Text**
- Light Red Fill
- Red Text
- Red Border
- Custom Format...

Product	Date	Sales Rep	Amount
Cold Platter	02/10/2013	Alex	\$ 950.00
Cold Platter	03/05/2013	Alex	\$ 150.00
Edible Fruit	03/05/2013	Alex	\$ 150.00
Edible Fruit	03/07/2013	Alex	\$ 100.00

Product	Date	Sales Rep	Amount
Cold Platter	1/12/2013	Alex	\$ 150.00
Cold Platter	1/15/2013	Alex	\$ 150.00
Edible Fruit	1/15/2013	Elizabeth	\$ 1,900.00
Banquet	02/07/2013	Alex	\$ 50.00
Cold Platter	02/10/2013	Alex	\$ 950.00

Exam 77-427 Microsoft Excel 2013 EXPERT

2. Apply Custom Formats and Layouts

2.2 Apply Advanced Conditional Formatting and Filtering: Apply Rules (Top/Bottom)



More Than One Rule

You can have more than one Conditional Rule formatting your data. In this illustration, there is one color for sales Above Average, and another for the sales Below Average.

4. Try It: Add Another Rule

Select Column H.

Go to **Home -> Styles**.

Go to **Conditional Formatting**.

Go to **Top/Bottom Rules**.

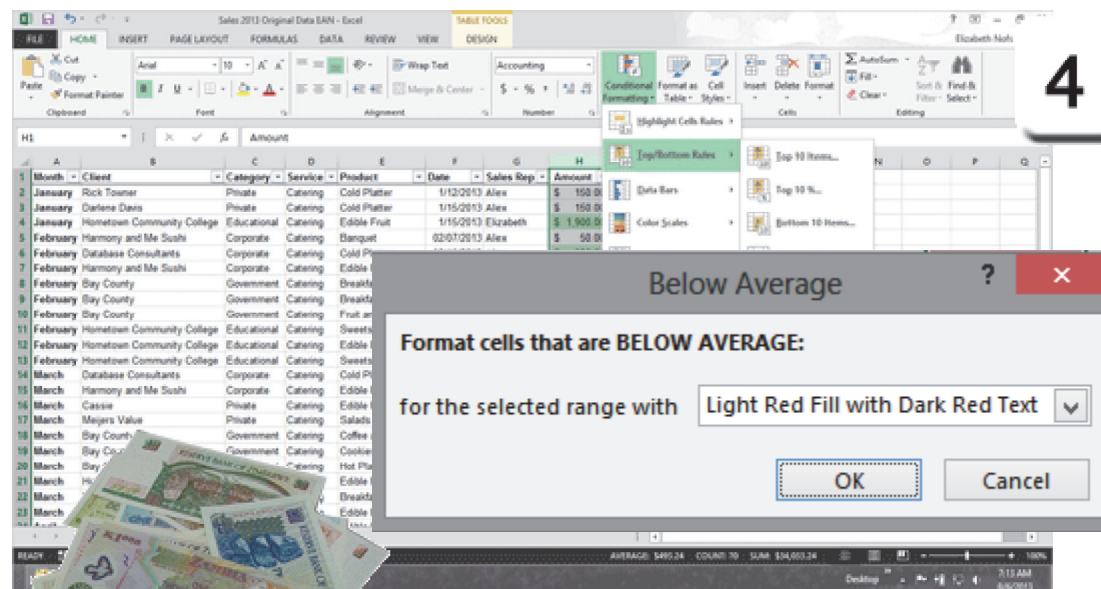
Select: **Below Average**.

Format Cells: You will be prompted to select a formatting option. Select **Light Red Fill with Dark Red Text**, please.

What Do You See? Any amount less than the Average is highlighted red with red text. Any amount greater than the Average is formatted green/green.

Keep going...(this is actually fun, isn't it?)

Home-> Styles-> Conditional Formatting -> Top/Bottom Rules



E	F	G	H
Product	Date	Sales Rep	Amount
Cold Platter	1/12/2013	Alex	\$ 150.00
Cold Platter	1/15/2013	Alex	\$ 150.00
Edible Fruit	1/15/2013	Elizabeth	\$ 1,900.00
Banquet	02/07/2013	Alex	\$ 50.00
Cold Platter	02/10/2013	Alex	\$ 950.00

Exam 77-427 Microsoft Excel 2013 EXPERT

2. Apply Custom Formats and Layouts

2.2 Apply Advanced Conditional Formatting and Filtering: Apply Rules (Top/Bottom)



Clear the Rules

The following pages will play with the various Conditional Formatting Rules. After each example, you can **Clear** the Conditional Formatting. Here are the steps.

Try it: Clear the Conditional Formatting

Select Column H.

Go to **Home -> Home -> Styles**.

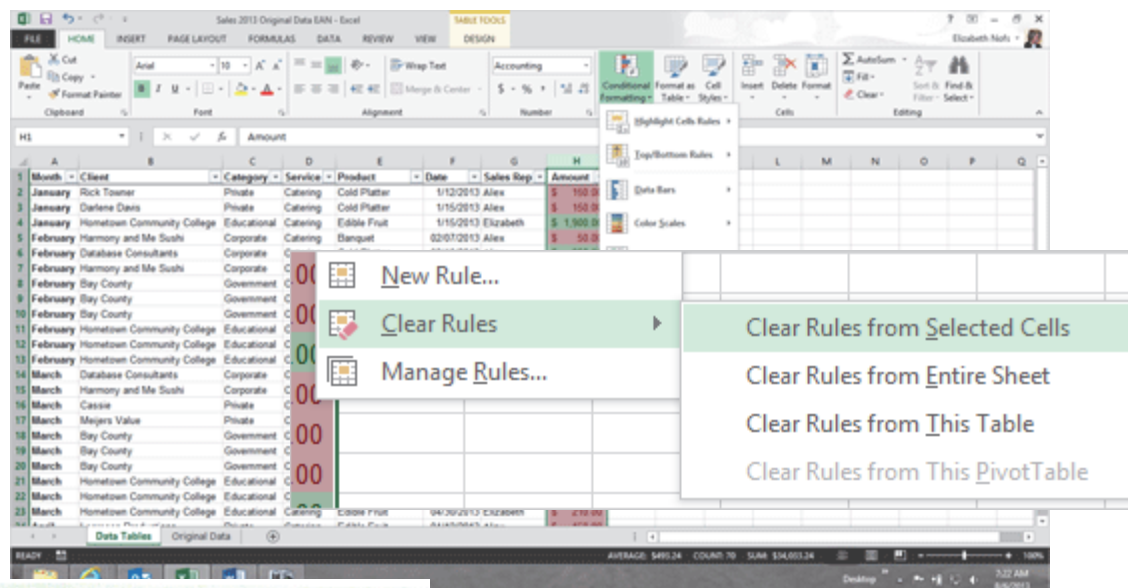
Go to **Conditional Formatting**.

Go to **Clear Rules**.

Select: **Clear Rules from Selected Cells**.

What Do You See? You can **Clear Rules** from Selected Cells, the Entire Sheet, this Table or from a PivotTable.

Home-> Styles-> Conditional Formatting-> Clear Rules



Product	Date	Sales Rep	Amount
Cold Platter	1/12/2013	Alex	\$ 150.00
Cold Platter	1/15/2013	Alex	\$ 150.00
Edible Fruit	1/15/2013	Elizabeth	\$ 1,900.00
Banquet	02/07/2013	Alex	\$ 50.00
Cold Platter	02/10/2013	Alex	\$ 950.00

Exam 77-427 Microsoft Excel 2013 EXPERT

2. Apply Custom Formats and Layouts

2.2 Apply Advanced Conditional Formatting and Filtering: Clear Rules



Data Bars

The following exercises demonstrate the various **Conditional Formatting** available in Microsoft Excel. All of these examples will be applied to the H Column, the one with sales data. The Amount has been **Sorted** Descending.

Try It: Format with Data Bars

Select Column H.

Go to **Home -> Styles**.

Go to **Conditional Formatting**.

Select: **Data Bars**.

What Do You See? The cell with the highest value is 100% filled in. The other cells are filled with less than 100%. Excel calculates the percentage.

After each trial, select the H Column.

Go to **Conditional Formatting -> Clear Rules -> From the Selected Cells**.

Home-> Styles-> Conditional Formatting-> Data Bars

The screenshot shows the Excel ribbon with the 'Conditional Formatting' menu open. The 'Data Bars' option is highlighted. The background features a butterfly made of US dollar bills.

Sales Rep	Amount
Niki	\$ 4,000.
Niki	\$ 3,850.
Niki	\$ 2,400.
Niki	\$ 2,310.
Elizabeth	\$ 1,900.
Alex	\$ 1,100.
Alex	\$ 950.
Connie	\$ 600.
Connie	\$ 600.
Connie	\$ 600.
Connie	\$ 600.00
Elizabeth	\$ 600.00

Exam 77-427 Microsoft Excel 2013 EXPERT

2. Apply Custom Formats and Layouts

2.2 Apply Advanced Conditional Formatting and Filtering: Use Functions To Format Cells



Use Color Scales

Try It: Format with Color Scales

Select Column H.

Go to **Home-> Styles**.

Go to **Conditional Formatting**.

Select **Color Scales**: You will have a short set of built-in options.

What Do You See? The Color Scales use two colors to indicate the Conditional Formatting. In this example, the highest value is red and the lowest is yellow. Excel compares each amount and formats the Cells accordingly.

Try This, Too: What does it look like if you sort the information by Data Bars? Can you read the numbers through the Cell formatting?

After each trial, select the H Column.

Go to **Conditional Formatting -> Clear Rules -> From the Selected Cells**.

Home-> Styles-> Conditional Formatting-> Color Scales

The screenshot shows the Microsoft Excel ribbon with the 'Home' tab selected. The 'Conditional Formatting' button is highlighted, and its dropdown menu is open. The 'Color Scales' option is selected, showing a preview of the color scale applied to the selected cells. The background shows a spreadsheet with columns G and H, and rows for Sales Rep and Amount. The data in column H is formatted with a color scale from yellow (lowest) to red (highest).

Sales Rep	Amount
Niki	\$ 4,000
Niki	\$ 3,850
Niki	\$ 2,400
Niki	\$ 2,310
Elizabeth	\$ 1,900
Alex	\$ 1,100
Alex	\$ 950
Connie	\$ 600
Connie	\$ 600
Connie	\$ 600
Connie	\$ 600.00

Exam 77-427 Microsoft Excel 2013 EXPERT

2. Apply Custom Formats and Layouts

2.2 Apply Advanced Conditional Formatting and Filtering: Use Functions To Format Cells



Use Icon Sets

Try It: Format with Icon Sets

Select Column H.

Go to **Home -> Styles**.

Go to **Conditional Formatting**.

Select **Icon Sets: Arrows (Colored)**.

What Do You See? The Icon Sets use a three, four, or five-color scale to format the data.

In this example, there are four Directional arrows that represent the percentages of the total Amount in Column H:

100-75%

74-50%

49-25%

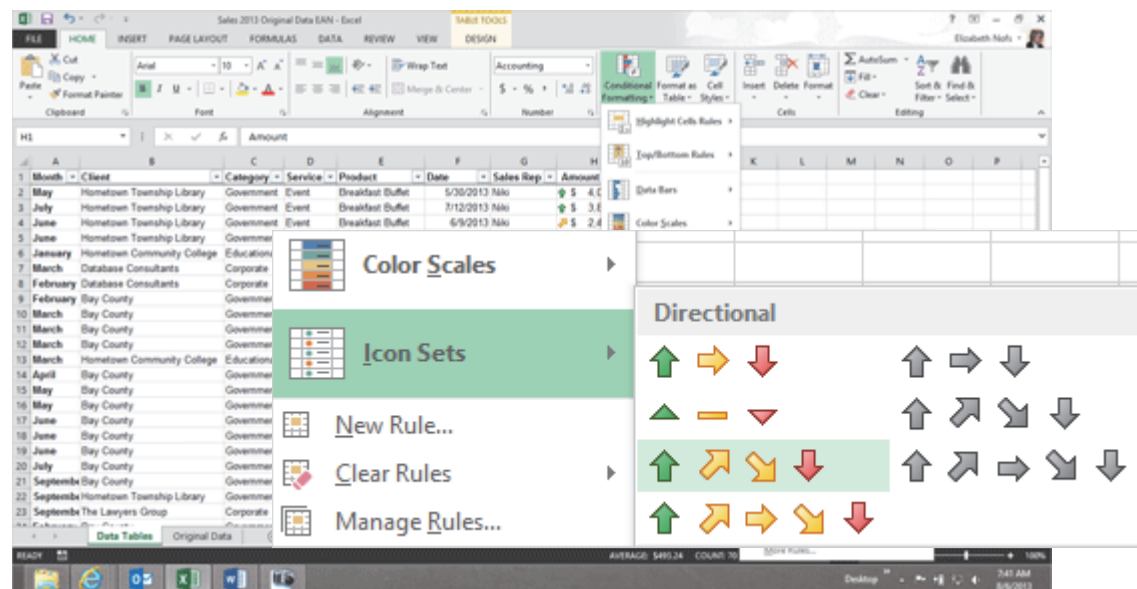
25-0%

What Else Do You See? The Conditional Formatting menu also lets you create a **New Rule** or **Manage the Rules**.

Let's investigate where Excel puts the Rules and what tools are available in the **Rules Manager**.

Keep going...

Home-> Styles-> Conditional Formatting-> Icon Sets



E	F	G	H
Product	Date	Sales Rep	Amount
Breakfast Buffet	5/30/2013	Niki	↑ \$ 4,000.00
Breakfast Buffet	7/12/2013	Niki	↑ \$ 3,850.00
Breakfast Buffet	6/9/2013	Niki	→ \$ 2,400.00
Breakfast Buffet	6/10/2013	Niki	→ \$ 2,310.00
Edible Fruit	1/15/2013	Elizabeth	→ \$ 1,900.00

Exam 77-427 Microsoft Excel 2013 EXPERT

2. Apply Custom Formats and Layouts

2.2 Apply Advanced Conditional Formatting and Filtering: Use Functions To Format Cells



The Rules Manager

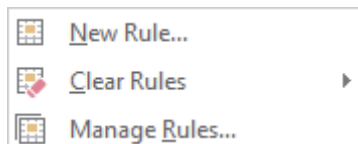
Before You Begin: In this example, Column H is the Amount, sorted Descending. Column H has the Icon Set Formatting with four (4) arrows.

1. Try It: Use the Rules Manager

Go to **Home -> Styles**.

Go to **Conditional Formatting**.

Click on **Manage Rules**.



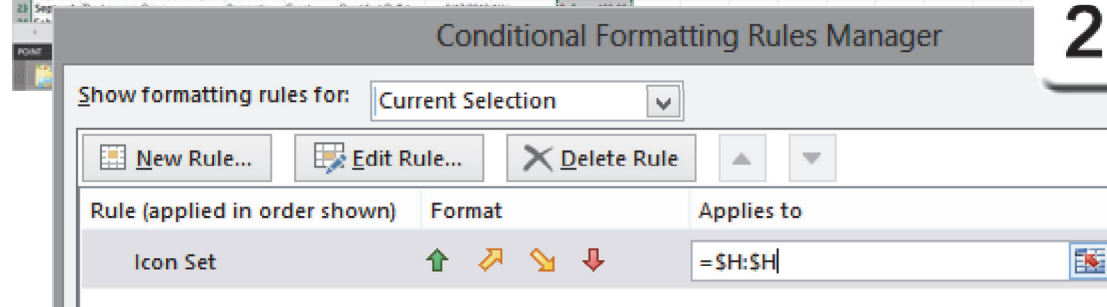
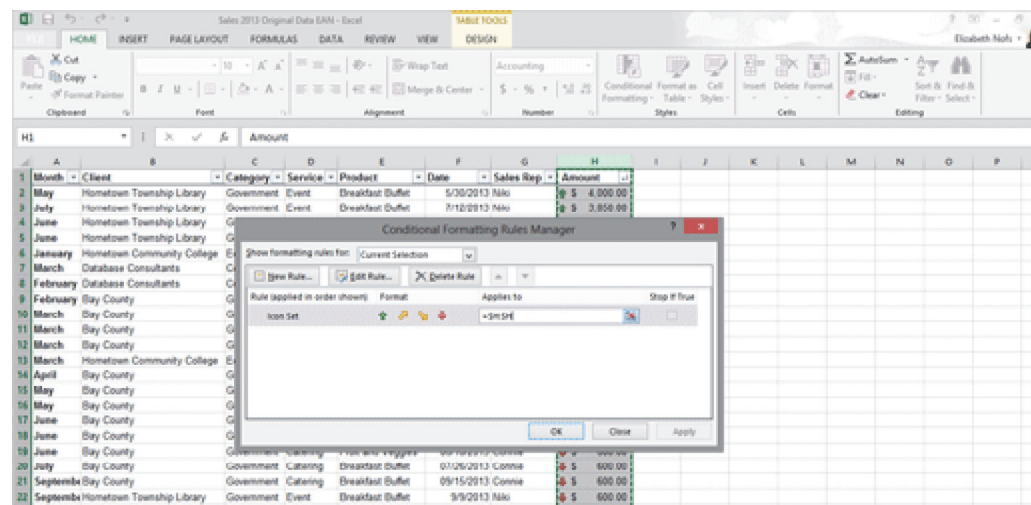
What Do You See? The **Rules Manager** should display a list of the Conditional Formatting. You can add, delete, and edit the Rules here.

2. Try This, Too: Edit the Rule

Click on **Edit Rule...**

Keep going, pleeeeeease...

Home -> Styles->Conditional Formatting -> Manage Rules



Exam 77-427 Microsoft Excel 2013 EXPERT

2. Apply Custom Formats and Layouts

2.2 Apply Advanced Conditional Formatting and Filtering: Manage Conditional Format Rules



Bend the Rules

3. What Do You See? The **Rule Type** is a list of options. You can use a Rule to identify a cell by the values. The values can be based on the average or the rank. You can also use a formula in a rule.

The **Rule Description** is a tool for defining the values. You can select the formatting **Style** and type in your own **Value** if you wish.

You can edit each part of the Rule Description including the Icons, the values and the colors.

It's kind of fun. Click OK to return to the Rules Manager, and OK, again, to close the Rules Manager.

Very Good!

Keep going...

Home -> Conditional Formatting -> Manage Rules

Select a Rule Type:

- Format all cells based on their values
- Format only cells that contain
- Format only top or bottom ranked values
- Format only values that are above or below average
- Format only unique or duplicate values
- Use a formula to determine which cells to format

Edit the Rule Description:

Format all cells based on their values:

Format Style: Icon Sets Reverse Icon Order

Icon Style: ↓ ↘ ↗ ↑ ☐ Show Icon Only

Display each icon according to these rules:

Icon		Value	Type
↑	when value is	>= 75	Percent
↗	when < 75 and	>= 50	Percent
↘	when < 50 and	>= 25	Percent
↓	when < 25		

3

Exam 77-427 Microsoft Excel 2013 EXPERT

2. Apply Custom Formats and Layouts

2.2 Apply Advanced Conditional Formatting and Filtering: Write Custom Conditional Formats



Use Rules to Filter the Data

You can use the **Conditional Formatting** to **Filter** the data by Color, Number or criteria.

4. Try This: Use Advanced Filters

Column H was formatted with an Icon Set that has four (4) arrows.

Select Cell H1. The Filter should be available. Go to **Filter->Filter by Color**.

Click on **Filter by Cell Icon**: Green.

The green arrow is when the value is greater than or equal to 75%. Microsoft Excel will display the Cells with Conditional Formatting in Column H that meet the criteria.



Filter -> Filter by Color

The screenshot shows an Excel spreadsheet with columns E through J. Column E is labeled 'Product' and contains items like 'Breakfast Buffet', 'Edible Fruit', 'Cold Platter', 'Fruit and Veggies', 'Coffee and Tea', 'Cookies and Tea', 'Hot Platter', and 'Breakfast Buffet'. Column F is labeled 'Date'. Column G is labeled 'Sales Rep'. Column H is labeled 'Amount' and contains numerical values. A dropdown menu is open for the 'Amount' column, showing options like 'Sort Smallest to Largest', 'Sort Largest to Smallest', 'Sort by Color', 'Clear Filter From "Amount"', 'Filter by Color', and 'Number Filters'. The 'Filter by Color' option is selected, and a sub-menu is open showing 'Filter by Font Color' and 'Filter by Cell Icon'. The 'Filter by Cell Icon' sub-menu is open, showing a list of icons: 'Automatic', 'Filter by Cell Icon' (with a green arrow icon), 'No Cell Icon', and 'No Cell Icon'.

Product	Date	Sales Rep	Amount
Breakfast Buffet			
Breakfast Buffet			
Breakfast Buffet			
Breakfast Buffet			
Edible Fruit			
Cold Platter			
Cold Platter			
Fruit and Veggies			
Coffee and Tea			
Cookies and Tea			
Hot Platter			
Breakfast Buffet			
Fruit and Veggies			
Fruit and Veggies			
Breakfast Buffet			
Coffee and Tea			
Breakfast Buffet			
Fruit and Veggies			
Breakfast Buffet			
Breakfast Buffet			

4

Exam 77-427 Microsoft Excel 2013 EXPERT

2. Apply Custom Formats and Layouts

2.2 Apply Advanced Conditional Formatting and Filtering: Create Advanced Filters



Table Tools: Properties

The **Table Tools** include two more groups of options: **Table Properties** and **Table Tools**.

Before You Begin: Review the Properties

The Table Properties include the **Title** and the **Range**. By default, the Title is Table1.

Try it: Resize the Table

The Resize Table button lets you select the Range of Cells. Click anywhere on the Table. The Table Tools should be available.

Go to **Table Tools-> Design ->Properties**
Select **Resize Table**.

What Do You See? Microsoft Excel will outline the Range of the Table. In the example on this page, the Table is =\$A\$1:\$H\$71. The Range is in Absolute references.

You can select a new range, but the Header must stay the same.

Table Tools-> Design ->Properties-> Resize Table

The screenshot shows the Microsoft Excel interface with the **Table Tools** ribbon selected. The **Properties** group is active, showing the **Table Name** as **Table1** and the **Table Range** as **=A\$1:\$H\$71**. The **Resize Table** button is highlighted. A dialog box titled **Resize Table** is open, prompting the user to select the new data range for the table. The dialog box shows the current range **=A\$1:\$H\$71** and a note: "Note: The headers must remain in the same row, and the resulting table range must overlap the original table range." The **OK** and **Cancel** buttons are visible at the bottom of the dialog box.

Exam 77-420 Microsoft Excel 2013
3. Create Tables
3.1 Create a Table: Table Properties (Title and Size)



Table: Remove Duplicates

When people enter data into a table or list, it is easy to make a mistake and type a name twice. Duplicates happen. In this example, we will copy and paste a Row, then go through the steps to find the duplicate.

1. Try This: Create the Duplicate

Select Row 69

Go to **Home->Clipboard->Copy**.

Select Cell A70. (In our example, we added a new, blank Row 70 a few pages back.)

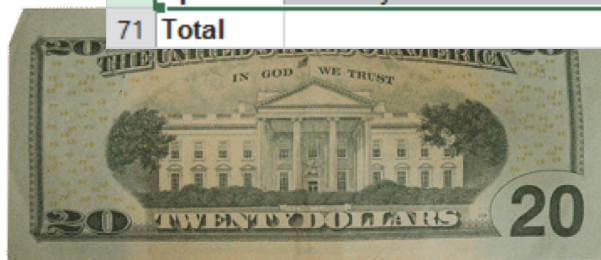
Go to **Home->Clipboard->Paste**.

What Do you See? The pasted Cells are a duplicate of the Row that you copied.

Keep going...

Home->Clipboard->Copy

Month	Client	Category	Service	Product	Date	Amount
January	Rock Turner	Private	Catering	Cold Platter	01/13/2013	\$ 110.00
January	Darlene Davis	Private	Catering	Cold Platter	01/13/2013	\$ 100.00
April	Leprecon Productions	Private	Catering	Edible Fruit	04/13/2013	\$ 100.00
April	Madelyn Mitchell	Private	Catering	Edible Fruit	04/13/2013	\$ 100.00
February	Harmony and Me Sushi	Corporate	Catering	Edible Fruit	02/27/2013	\$ 100.00
March	Cassie	Private	Catering	Edible Fruit	03/07/2013	\$ 100.00
April	Walter Smith	Private	Catering	Edible Fruit	04/08/2013	\$ 100.00
May	Harmony and Me Sushi	Corporate	Catering	Fruit and Veggies	05/26/2013	\$ 100.00
July	VGs	Private	Catering	Breakfast Buffet	07/06/2013	\$ 100.00
July	Robert Carol	Private	Catering	Edible Fruit	07/08/2013	\$ 100.00
February	Harmony and Me Sushi	Corporate	Catering	Banquet	02/07/2013	\$ 50.00
March	Harmony and Me Sushi	Corporate	Catering	Edible Fruit	03/06/2013	\$ 50.00
March	Meijers Value	Private	Catering	Salads and Soup	03/23/2013	\$ 50.00
April	Harmony and Me Sushi	Corporate	Catering	Edible Fruit	04/17/2013	\$ 50.00
April	Harmony and Me Sushi	Corporate	Catering	Edible Fruit	04/17/2013	\$ 50.00
April	Harmony and Me Sushi	Corporate	Catering	Edible Fruit	04/17/2013	\$ 50.00
Total						\$ 486.81



Exam 77-420 Microsoft Excel 2013

3. Create Tables

3.3 Filter and Sort a Table: Remove Duplicates



Table: Remove Duplicates

2. Try This: Remove Duplicates

Click anywhere on the Table. The Table Tools should be available.

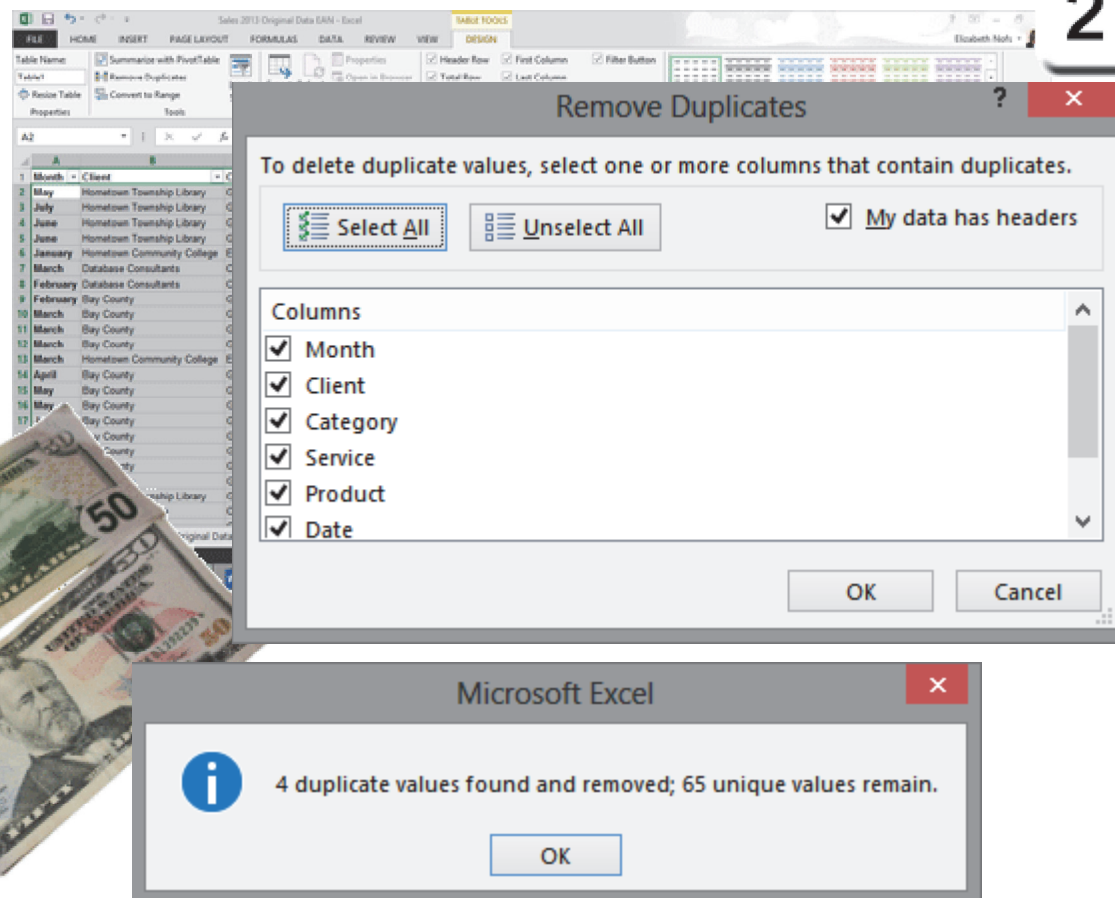
Go to **Table Tools-> Design ->Tools**.
Click on **Remove Duplicates**.

What Do You See? Each of the Columns in our table is selected. The Column Names come from the Header Row.

When you click on **OK**, the duplicates will be found and removed.

So, that's good, too.

Table Tools-> Design ->Tools-> Remove Duplicates



Exam 77-420 Microsoft Excel 2013
3. Create Tables
3.3 Filter and Sort a Table: Remove Duplicates



Convert to Range

This lesson began by creating a Table by selecting a Range of Cells. What if you wanted to remove the Table but keep the data? Here are the steps you can take to convert the table back to a Range, or List.

Try it: Convert the Table to a Range

Click anywhere on the Table. The Table Tools should be available.

Go to **Table Tools-> Design ->Tools.** Click on **Convert to Range.**

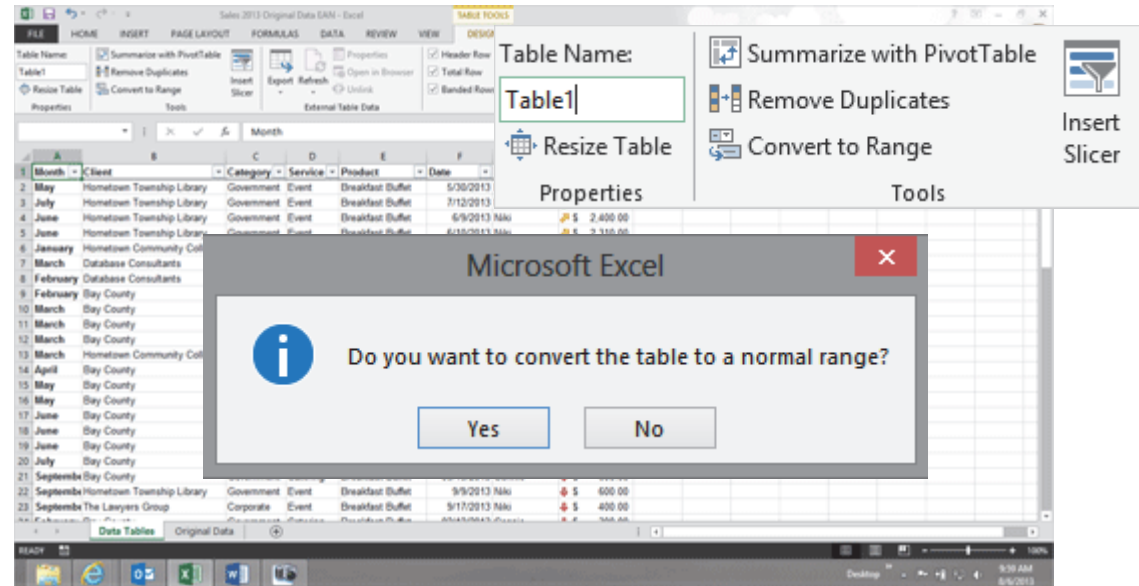
What Do You See? You will be prompted that the Table will be converted to a normal range. None of the data should be lost when you convert to Range.

The data will still have the Conditional Formatting, however the Filters at the top in the Header Row will be gone.

Done and done. You get the cookie.



Table Tools-> Design ->Tools-> Convert to Range



E	F	G	H
Product	Date	Sales Rep	Amount
Breakfast Buffet	5/30/2013	Niki	↑ \$ 4,000.00
Breakfast Buffet	7/12/2013	Niki	↑ \$ 3,850.00
Breakfast Buffet	6/9/2013	Niki	↗ \$ 2,400.00
Breakfast Buffet	6/10/2013	Niki	↗ \$ 2,310.00
Edible Fruit	1/15/2013	Elizabeth	↘ \$ 1,900.00

Exam 77-420 Microsoft Excel 2013

3. Create Tables

3.1 Create a Table: Move Between Tables and Ranges (Convert to Range)



Practice Activities

Lesson 1: It Works for Me!

Before You Begin: Download the sample spreadsheet: [Student Records.xlsx](#)

Try This: Do the following steps

1. Open the spreadsheet: [Student Records.xlsx](#)
2. Delete the columns for Grade and Homeroom Teacher
3. Add the following students to the bottom of the spreadsheet

Student	Percent	Class
Lauren Ball	96	2012
Brandon Ayers	45	2011
Arnold Johnston	78	2012
Brittney Evans	82	2013

4. Sort the Spreadsheet by Class
5. Format with Table Style Light 8 and select "My Table has Headers"
6. Use the Remove Duplicate Tool
7. Apply conditional formatting to the Percent Column, Column B. Create a new rule and select 2 color scale.
Pick red for the lowest value and green for the highest value.
8. Save this as YOUR NAME Works for Me Practice





Test Yourself

1. Which of the following is a way to copy a sheet in a workbook?

(Select all correct answers)

- a. Home-> Cells-> Format-> Move or Copy
- b. Right click the sheet and select Move or Copy
- c. Save As-> Copy

Tip: Advanced Excel, page 15

2. When using the sort command on a column of Months, by default, the column is sorted alphabetically, with April first.

- a. True
- b. False

Tip: Advanced Excel, page 16

3. Where is the Sort command that allows for custom sorting of months?

- a. Home-> Sort & Filter-> Custom Sort
- b. Data-> Sort & Filter-> Sort-> Custom List
- c. Data-> Sort & Filter-> Months

Tip: Advanced Excel, page 18

4. Excel can make tables of data.

- a. True
- b. False

Tip: Advanced Excel, page 21

5. Which is true about a Total Row in an Excel Table?

(Select all correct answers.)

- a. Created by checking Total Row on the Table Tools Ribbon
- b. Includes a Summary box with a drop down list of options
- c. Can only be used to calculate Sum
- d. Can only be used on small tables

Tip: Advanced Excel, page 27, 28

6. Which are true about Conditional Formatting? (Select all correct answers.)

- a. Colors or icons are based on rules
- b. Command is Home->Styles->Conditional Formatting
- c. Includes option for creating custom rules
- d. Can only have one rule applied

Tip: Advanced Excel, page 31-33

7. Which commands are on the Table Tools ribbon? (Select all correct answers.)

- a. Remove duplicates
- b. Convert to Range
- c. Insert Rows

Tip: Advanced Excel, page 44

8. The Filters can be used to select any cell(s) with Conditional Formatting applied.

- a. True
- b. False

Tip: Advanced Excel, page 40

9. Which is a type of Conditional Formatting? (Select all correct answers.)

- a. Icon Sets
- b. Color Scales
- c. Data Bars
- d. Fill & Text Colors

Tip: Advanced Excel, page 31

10. An Excel Table has a library of Table Styles.

- a. True
- b. False

Tip: Advanced Excel, page 24

