6.2 Student Activity: Analyze Yearly Trends

You were recently promoted to the sales manager position!. As sales manager, part of your task is to analyze yearly trends and prepare for the future. Complete the following steps to analyze the 2012, 2013 and 2014 sales.

Step 1: Name you document 6.2 (Last Name)_Yearly_Trends

Step 2: Recreate the Spreadsheet below:

	A	B	C	D	E	F	G
1					Total by		
2	Month	2012 Sales	2013 Sales	2014 Sales	Month		
3	January	$11,585.00	$5,865.00	$ 5,000.00			
4	February	$15,478.00	$15,478.00	$ 500.00			
5	March	$10,000.00	$10,000.00	$50,000.00			
6	April	$14,000.00	$2,578.00	$ 4,876.00			
7	May	$11,456.00	$11,456.00	$80,000.00			
8	June	$14,023.00	$14,023.00	$ 250.00			
9	July	$12,897.00	$68,542.00	$45,689.00			
10	August	$14,856.00	$80,536.00	$10,000.00			
11	Septembe	$12,000.00	$12,000.00	$34,245.00			
12	October	$17,562.00	$17,562.00	$ 987.00			
13	Novembe	$8,000.00	$8,000.00	$76,000.00			
14	Decembe	$11,250.00	$11,250.00	$ 8,764.00			
15							
16							

Step 3: Now apply Autosum to the sales data for both the total by month and by year. When you have the totals, apply bold to them to make them stand out more and type “Totals” in the cell under December.

	A	B	C	D	E	F	G
1					Total by		
2	Month	2012 Sales	2013 Sales	2014 Sales	Month		
3	January	$11,585.00	$5,865.00	$ 5,000.00	**$22,450.00**		
4	February	$15,478.00	$15,478.00	$ 500.00	**$31,456.00**		
5	March	$10,000.00	$10,000.00	$50,000.00	**$70,000.00**		
6	April	$14,000.00	$2,578.00	$ 4,876.00	**$21,454.00**		
7	May	$11,456.00	$11,456.00	$80,000.00	**$102,912.00**		
8	June	$14,023.00	$14,023.00	$ 250.00	**$28,296.00**		
9	July	$12,897.00	$68,542.00	$45,689.00	**$127,128.00**		
10	August	$14,856.00	$80,536.00	$10,000.00	**$105,392.00**		
11	September	$12,000.00	$12,000.00	$34,245.00	**$58,245.00**		
12	October	$17,562.00	$17,562.00	$ 987.00	**$36,111.00**		
13	November	$8,000.00	$8,000.00	$76,000.00	**$92,000.00**		
14	December	$11,250.00	$11,250.00	$ 8,764.00	**$31,264.00**		
15	**Totals**	**$153,107.00**	**$257,290.00**	**$316,311.00**			
16							
17							

Step 4: Next to the 'Totals by Month' column, type 'Above $50k' in the column title. In the first cell in the new column use an IF function to identify True or False if the totals by month are greater than $50,000 or not. Remember, after you create the first IF functions in January, you can Flash fill the other cells by dragging the bottom right of the highlighted cell down the other cells.

	A	B	C	D	E	F	G
1							
2	Month	2012 Sales	2013 Sales	2014 Sales	Total by Month	Above $50k	
3	January	$11,585.00	$5,865.00	$ 5,000.00	**$22,450.00**	FALSE	
4	February	$15,478.00	$15,478.00	$ 500.00	**$31,456.00**	FALSE	
5	March	$10,000.00	$10,000.00	$ 50,000.00	**$70,000.00**	TRUE	
6	April	$14,000.00	$2,578.00	$ 4,876.00	**$21,454.00**	FALSE	
7	May	$11,456.00	$11,456.00	$ 80,000.00	**$102,912.00**	TRUE	
8	June	$14,023.00	$14,023.00	$ 250.00	**$28,296.00**	FALSE	
9	July	$12,897.00	$68,542.00	$ 45,689.00	**$127,128.00**	TRUE	
10	August	$14,856.00	$80,536.00	$ 10,000.00	**$105,392.00**	TRUE	
11	September	$12,000.00	$12,000.00	$ 34,245.00	**$58,245.00**	TRUE	
12	October	$17,562.00	$17,562.00	$ 987.00	**$36,111.00**	FALSE	
13	November	$8,000.00	$8,000.00	$ 76,000.00	**$92,000.00**	TRUE	
14	December	$11,250.00	$11,250.00	$ 8,764.00	**$31,264.00**	FALSE	
15	**Totals**	**$153,107.00**	**$257,290.00**	**$316,311.00**			
16							
17							

Step 5: Finally, create a clustered column chart from the three year columns of your data.

