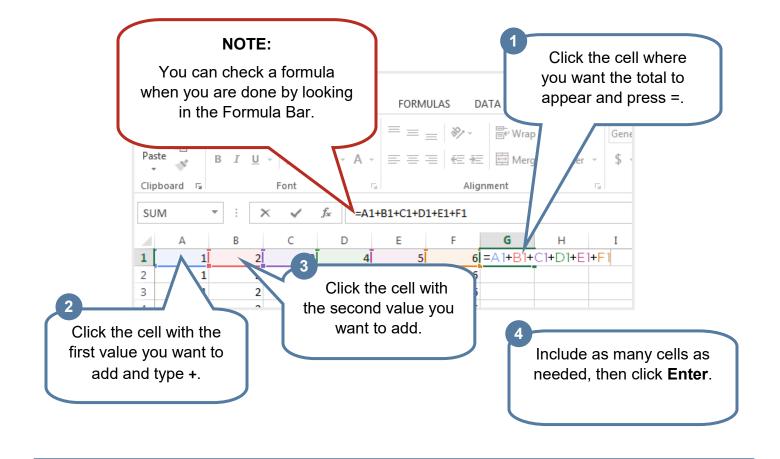
Learn about common functions, charts, and IF statements.

Common Functions

Name	Sample Formula	What It Does	Example
AutoSum	=SUM(A1:A5)	Adds all the numbers in a range of cells.	Determine the total value of the inventory I have in my store.
Minimum	=MIN(A1:A5)	Finds the smallest number in a range of cells.	Determine the lowest salary of any of the employees in my division.
Maximum	=MAX(A1:A5)	Finds the largest number in a range of cells.	Determine the highest salary of any of the employees in my division.
lf	=IF(A>50, "TRUE", "FALSE")	Returns different results based on the data.	List all students with passing grades greater than 50.
VLOOKUP	=VLOOKUP (A1,F1:G4,2)	Finds a specific value in specified columns of data.	

Creating a Formula



Functions

Functions are pre-programmed formulas frequently used in calculations. **AutoSum** is a function used to add values in a range of cells.

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Math Functions

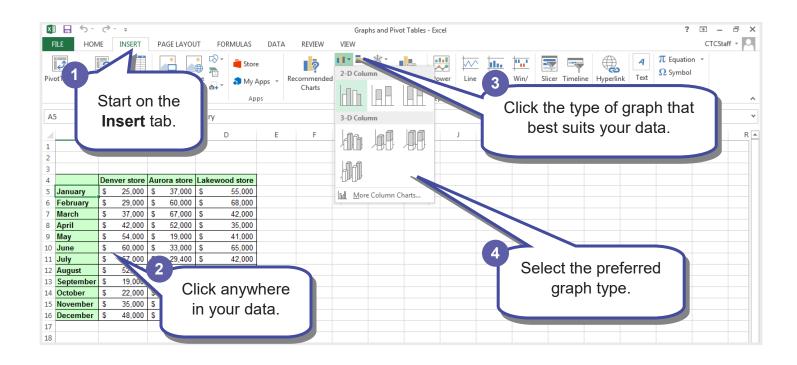
Name	Sample Formula	What It Does	Example
Average	=AVERAGE (A1:C5)	Finds the average of all the numbers in a range of cells.	Determine the average salary of employees my company.

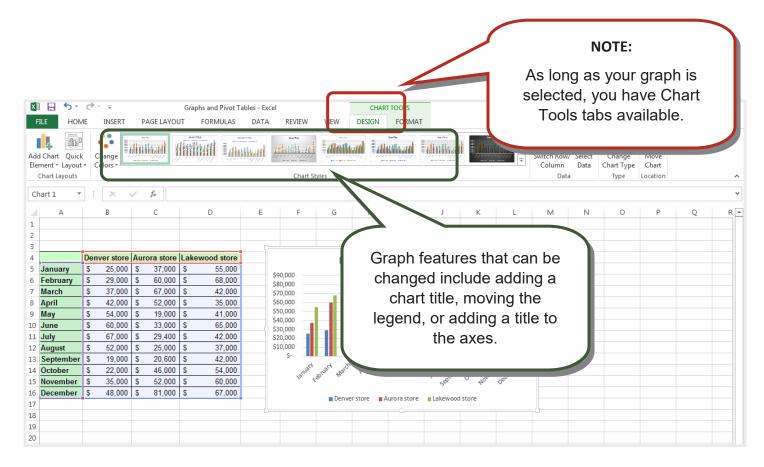
Logical Functions

Name	Sample Formula	What It Does	Example
Count	=COUNT(B:B)	Checks every cell to see if there is a number in it, then returns the number of cells that do.	Determine the number of events I organized for my company where at least one person showed up.
Sumlf	=SUMIF(A1:A35, ">65", B1:B35)	Adds numbers from a list that meets a criteria set by a formula.	I want to know the total number of students in my class over the age of 65.
CountIf	=COUNTIF(A:A, 16)	Counts every cell that meets a criteria you set in the formula.	I want to know the number of times I have all the seats filled in my classroom.

Graphs

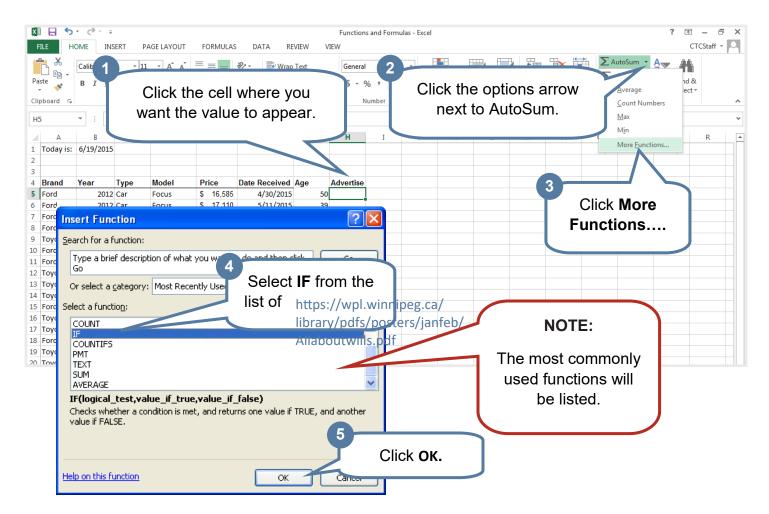
A graph is a visual representation of your data.





IF Statement

An IF statement allows you to fill your cell with values when certain conditions are met.



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Printing

Make sure Excel will print your spreadsheet in the most effective layout.

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