Microsoft Excel 2013: Advanced Topics

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COMMON FUNCTIONS

Date and Time Functions	
DATE	Converts parts of a date (month, day, year) to a complete date
DATEDIF	Calculates the difference between 2 dates (undocumented in Excel – use Google)
DATEVALUE	Converts a date in the form of text to a serial number
DAY	Converts a serial number to a day of the month
MONTH	Converts a serial number to a month
NETWORKDAYS	Returns the number of whole workdays between two dates
NOW	Returns the serial number of the current date and time
TODAY	Returns the serial number of today's date
WEEKDAY	Converts a serial number to a day of the week
YEAR	Converts a serial number to a year
Financial Functions	
NPV	Returns the net present value of an investment based
PMT	Returns the periodic payment for an annuity
PV	Returns the present value of an investment
Logical Functions	
AND	Returns TRUE if all of its arguments are TRUE
IF	Specifies a logical test to perform
NOT	Reverses the logic of its argument
OR	Returns TRUE if any argument is TRUE
Text Functions	
LEFT	Returns the leftmost characters from a text value
LEN	Returns the number of characters in a text string
LOWER	Converts text lower case
MID	Returns a specific number of characters from a text string starting at the position you specify
RIGHT	Returns the rightmost characters from a text value
TEXT	Formats a number and converts it to text
TRIM	Removes spaces from text
UPPER	Converts text to upper case
VALUE	Converts a text argument to a number

Lookup Functions	
HLOOKUP	Looks in the top row of an array and returns the value of the indicated cell
VLOOKUP	Looks in the first column of an array and moves across the row to return a value
Math Functions	
ROUND	Rounds a number to a specified number of digits
ROUNDDOWN	Rounds a number down, toward zero
ROUNDUP	Rounds a number up, away from zero
SUM	Adds its arguments
SUMIF	Adds the cells specified by a given criteria
Statistical Functions	
AVERAGE	Returns the average of its arguments
COUNT	Counts how many numbers are in the list of arguments
COUNTA	Counts how many values are in the list of arguments
COUNTIF	Counts the number of nonblank cells within a range that meet the given criteria
MAX	Returns the maximum value in a list of arguments
MIN	Returns the minimum value in a list of arguments
STDEV.S	Estimates standard deviation based on a sample