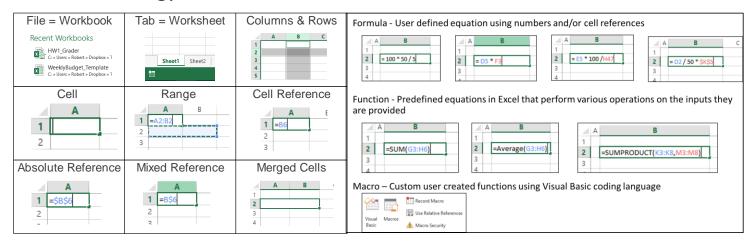
Excel Review

Excel Terminology



Formula Operators

ARITHMETIC OPERATORS

Add = 10 + 5Result = 15 Subtract = 10 - 5Result = 5 Multiply = 10 * 5 Result = 50Divide = 10 / 5 Result = 2Power = 10 ^ 5 Result = 100,000() Order of Operations $= ((5 + 5) ^5)$ Result = 100,000

LOGIC OPERATORS

>	Greater	Greater than		
	= 10 > 5	Result = TRUE		
>=	Greater	Greater than or Equal to		
	= 10 >= 5	Result = TRUE		
=	Equal to	Equal to		
	= 10 = 5	Result = FALSE		
<=	Less tha	Less than or Equal to		
	= 10 <= 5	Result = FALSE		
<	Less tha	Less than		
	= 10 < 5	Result = FALSE		
<>	Not Equal to			
	= 10 <> 5	Result = TRUE		

Common Formulas and Functions

MATH FUNCTIONS

=Sum(B1:B20)
Adds together all numbers in range

=Count(B1:B20)
Counts all numeric values in range

=CountA(B1:B20)
Counts all non-empty cells in range

=Average(B1:B20)
Calculates average of numbers in range

=SumProduct(B1:B20, C1:C20)
Calculates sum of the range members multiplied

LOGIC/CONDITIONAL FUNCTIONS

=If (10 > 5, "Good", "Bad")

Result = "Good"

=And (10 >= 5, 4 > 10)

Result = FALSE

=Or (10 = 5, 4 = 4)

Result = TRUE

=CountIfs(Criteria Range, Criteria)

=SumIfs(Numeric Range, Criteria Range, Criteria)

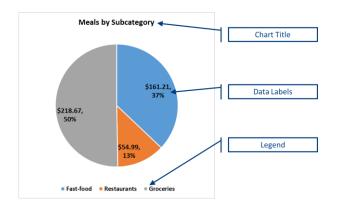
- Jumi 3 (Numeric Range, Criteria Range, Criteria)

=AverageIfs(Numeric Range, Criteria Range, Criteria)

Types of Charts and Graphs

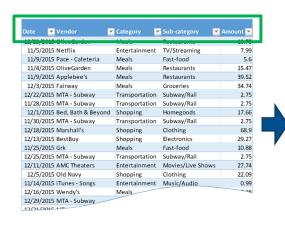


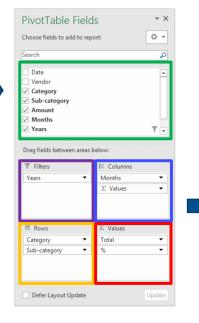
Elements of Charts and Tables





From Table to Pivot Table





Years	2015	1		
Column				
Row Labels	Nov Total	%	Dec Total	%
■ Meals	Iotai	70	TOTAL	70
Groceries	\$218.6	7 50.28%	\$180.99	35.76%
Fast-food	\$218.6			
Restaurants	\$161.2			
Meals Total	\$434.8°			
	\$434.8	7 44.15%	\$506.08	33.34%
■ Transportation	ć00 7	4 27 620/	ć14C 22	40.000
Automobile	\$99.7		T	
Flights	\$129.6			0.00%
Subway/Rail	\$35.7			
Transportation Total	\$265.1	1 26.92%	\$365.82	24.10%
■ Entertainment			4	
Movies/Live Sho				
Music/Audio	\$36.8		*	
TV/Streaming	\$28.9			
Entertainment Total	\$104.3	1 10.59%	\$218.89	14.42%
Shopping	_			
Clothing	\$112.8		+	
Electronics	\$18.2			
Homegoods	\$49.5	2 27.42%	\$65.19	15.27%
Shopping Total	\$180.6	2 18.34%	\$427.00	28.13%
Grand Total	\$984.9	1 100.00%	\$1,517,79	100.00%