



Contents

- Allow assumptions and methodologies to be changed quickly in financial models using a number of different functions:
 - Choose
 - Offset
 - Index
 - Adding the Match function
- Data validation and form controls
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Choose

CHOOSE(index_num, value1, [value2], ...)

	A	B	C	D	E
1		Building scenarios			
2		Choose function			
3					
4		Scenario picker	1.0		
5					
6		Scenarios	Sales Growth		
7		Best Case	10.0%		
8		Base Case	6.0%		
9		Worst Case	3.0%		
10					
11		Choose function	10.0%	=CHOOSE(C4,C7,C8,C9)	
12					

Returns a value from a list

Simple

Inflexible – must be re-written if model changes

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Offset

OFFSET(reference, rows, cols, [height], [width])

	A	B	C	D	E
1		Building scenarios			
2		Offset function			
3					
4		Scenario picker	1.0		
5					
6		Scenarios	Sales Growth		
7		Best Case	10.0%		
8		Base Case	6.0%		
9		Worst Case	3.0%		
10					
11		Offset function	10.0%	=OFFSET(C6,C4,0)	
12					

Returns a cell / array a set distance from a starting point

Flexible – can grow as the model grows

Difficult to audit

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Index

INDEX(array, row_num, [column_num])

C11 : × ✓ fx =INDEX(C7:C9,C4)

	A	B	C	D	E
1	Building scenarios				
2	Index function				
3					
4	Scenario picker		1.0		
5					
6	Scenarios		Sales Growth		
7	Best Case		10.0%		
8	Base Case		6.0%		
9	Worst Case		3.0%		
10					
11	Index function		10.0%	=INDEX(C7:C9,C4)	
12					

Returns a cell at a given position within a range or array

Flexible – can grow as the model grows

Difficult to audit

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Adding the Match function

MATCH(lookup_value, lookup_array, [match_type])

C5 : × ✓ fx =MATCH(C4,B8:B10,0)

	A	B	C	D	E
1	Building scenarios				
2	Match function				
3					
4	Scenario picker		Best Case		
5	Match function		1.0	=MATCH(C4,B8:B10,0)	
6					
7	Scenarios		Sales Growth		
8	Best Case		10.0%		
9	Base Case		6.0%		
10	Worst Case		3.0%		
11					
12	Offset function		10.0%	=OFFSET(C7,C5,0)	
13					

Flexibility in returning a location. Output no longer has to be a fixed number of columns/rows away

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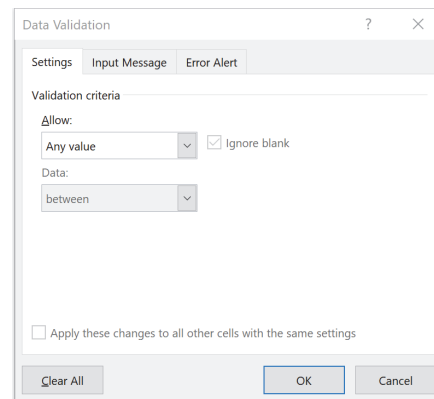
FINANCIALEDGE⁷

Data Validation



Ensures users only enter certain values in a cell

- Create a rule
- Input message
- Error alert

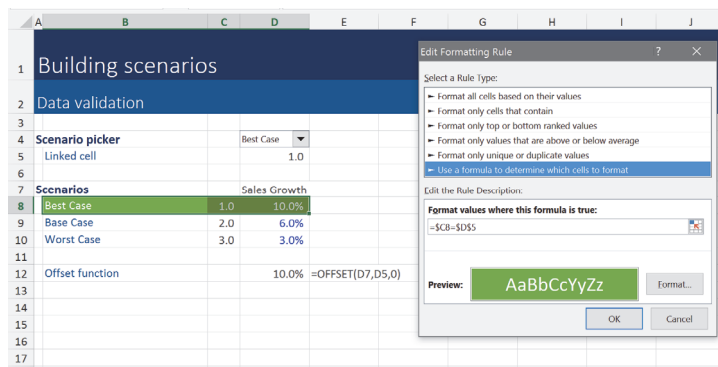


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Conditional Formatting



- Emphasize cells that meet a rule



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