



Sensitivity/Data Tables

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Simple Data Tables



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2	Simple Data Tables					
3						
4	Simple sales model					
5	price		4.00			
6	demand		29,000.0			
7	unit cost		0.45			
8	fixed cost		45,000.0			
9	revenue		116,000.0	=C6*C5		
10	variable cost		13,050.0	=C7*C6		
11	profit		57,950.0	=C9-C8-C10		
12						
13	One input, one output					
14	Price		57,950.0	=C11		
15	3.50		43,450.0			
16	3.75		50,700.0			
17	4.00		57,950.0			
18	4.25		65,200.0			
19	4.50		72,450.0			

Data Table ? X

Row input cell:

Column input cell:

OK Cancel

Data Table Best Practice

- One input data tables can have multiple outputs
- Most organisations hide or 'grey out' the repeated formula needed to create data tables
- Input cells must be on the same sheet as the data table unless you create 'copied' cells
- Formula cell can be on another sheet, but it must be fed (directly or indirectly) by the input cells
- The same cell cannot feed the input variables and the row and column input cells; if they do, you will create a circular reference and the data table won't display correctly
- Use conditional formatting to highlight key takeaways

Advanced and Flexible Tables

Sensitivity/Data Tables

Advanced and Flexible Tables

Simple sales model

Copied Cells

price 4.00 4.00

demand 29,000.0

unit cost 0.45 0.45

fixed cost 45,000.0

revenue 116,000.0 =C6*D5

variable cost 13,050.0 =D7*C6

profit 57,950.0 =C9-C8-C10

Data Table

Row input cell: \$C\$7

Column input cell: \$C\$5

OK Cancel

Unit cost

	0.35	0.40	0.45	0.50	0.55
Price	3.50	3.75	4.00	4.25	4.50
	46,350.0	53,600.0	60,850.0	68,100.0	75,350.0
	44,900.0	52,150.0	59,400.0	66,650.0	73,900.0
	43,450.0	50,700.0	57,950.0	65,200.0	72,450.0
	42,000.0	49,250.0	56,500.0	63,750.0	71,000.0
	40,550.0	47,800.0	55,050.0	62,300.0	69,550.0

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