

[46] Hardcoding static values into formulas requires you to update your formulas later, which is prone to errors

Don't hardcode static values into formulas

Hardcoded values require a manual update to **every** formula!

- For example, change the rate from 1.18 to 1.20

X

	A	B
1		
2		
3	10000000	=A3*1.18/1000
4	12000000	=A4*1.18/1000
5	14000000	=A5*1.18/1000
6		

A dynamic pattern requires a single update to **one** cell!

- For example, change the rate from 1.18 to 1.20

✓

	A	B
1	Rate	1.18
2	Divisor	1000
3	10000000	=A3*B\$1/B\$2
4	12000000	=A4*B\$1/B\$2
5	14000000	=A5*B\$1/B\$2
6		

Use reference cells to allow for dynamic patterns

The table name was updated, causing the #REF! error

- tblCustomerPnl was changed to tblCustomerPnl3
- A dynamic pattern avoids the error

	A	B	C	D	E
1					
2	Total	=COUNT(tblCustomerPnl3)		635,078,703	#R
3	Subtotal	=COUNT(tblCustomerPnl3)		#REF!	#R
4	% Total	tblCustomerPnl3		#REF!	#R
5					
6	Customer	EoMonth	Sales Revenue	Sales Di	
7	November	04/30/15	441,495		
8	November	04/30/16	440,239		
9	November	04/30/17	194,075		

✓ =FORMULATEXT(C2)

✓ =TEXTBEFORE(TEXTAFTER(C3,"(",","))

✓ =SUM(INDIRECT(“\$C\$4&”&D\$6&”))

X =SUBTOTAL(109,INDIRECT(“tblCustomerPnl”&D\$6&”))

Replace tblCustomerPnl with \$C\$4

=D3/D2