



# HIDING ZERO VALUE ROWS IN PM10 FORMULA BASED ALEA REPORTS

A client of ours has a large trial balance uploaded to a TB cube, and wished to be able to display only those codes showing values in the slice selected. In many slices the view contains only a handful of valid account codes. In addition the requirement was to calculate independent subtotals of the rows displayed so there could be a check-sum to identify missing elements. These rows may contain values but would be hidden in the distributed version.

For licensing reasons the client chose not to use Application Studio. They asked for a solution in a formula based Office Plus Alea report.

The solution we implemented was to add a formula in a column to the right of the report which displayed FALSE if the line was to be hidden, and then used the standard Excel data filter to exclude rows where this column was equal to FALSE.

This can be done in two ways – using the Auto-Filter with column F set to show only TRUE, which is highly visible to users, or by using DATA – ADVANCED FILTER where the control can be placed above what will be the visible report area.

The AUTO-FILTER result is shown below

	A	C	D	E	F
9	COMPANY	BETTA PRODS			
10	PRODUCTS	ALL PRODUCTS			
11	AREAS	ALL AREAS			
12					
13					
14	ACCOU	ACTU	BUDG	VARIAN	filter
15	1001	1,000	1,098	98	TRUE
16	1002	1,234	1,355	121	TRUE
17	1003	1,468	1,611	143	TRUE
18	1004	1,702	1,868	166	TRUE
19	1005	1,936	2,125	189	TRUE
20	1006	2,170	2,382	212	TRUE
21	1007	2,404	2,639	235	TRUE
22	1008	2,638	2,896	258	TRUE
37	10 TOTAL	14,552	15,973	1,421	TRUE
38					TRUE
39					TRUE
43	1103	5,678	6,232	554	TRUE
44	1104	6,543	7,182	639	TRUE
45	1105	7,408	8,131	723	TRUE
46	1106	8,273	9,081	808	TRUE
47	1107	9,138	10,030	892	TRUE
48	1108	10,003	10,980	977	TRUE
49	1109	10,868	11,929	1,061	TRUE
50	1110	11,733	12,879	1,146	TRUE
54	1111	12,600	13,550	1,220	TRUE

In rows that should always be displayed, such as totals and the blank rows used to format the report, a value of TRUE is entered rather than calculated.

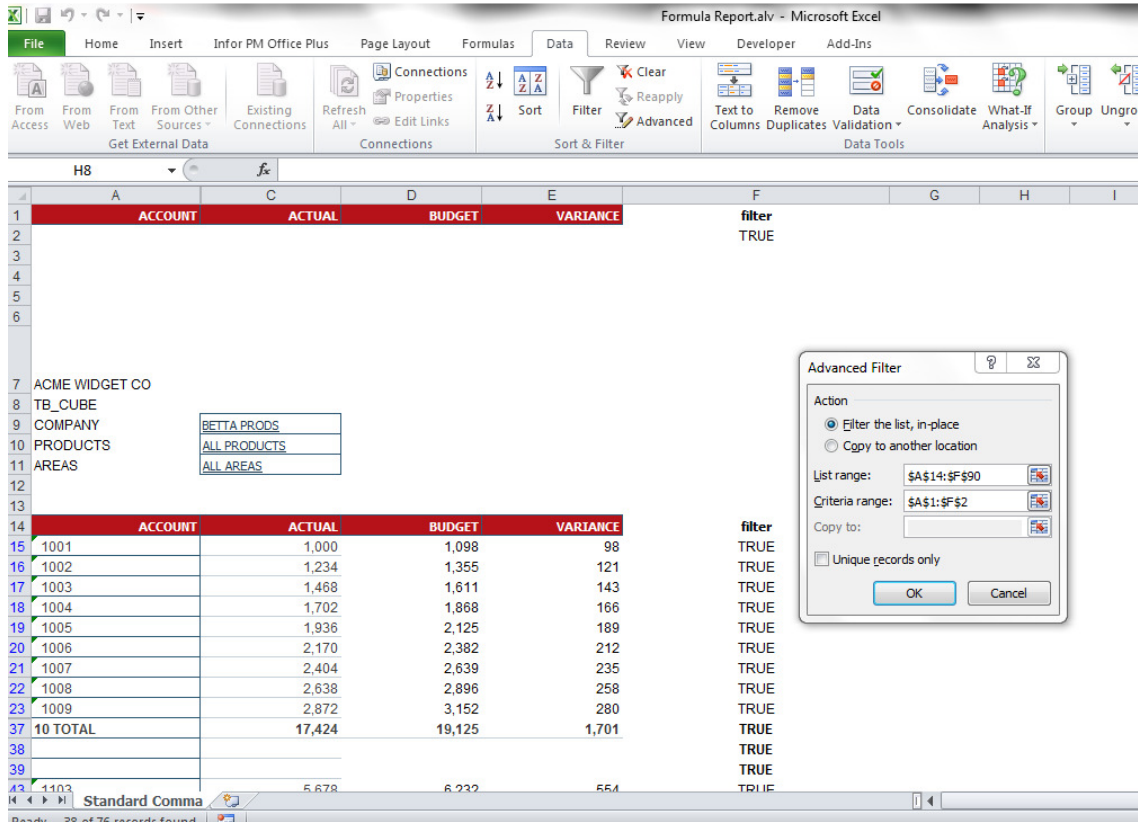
The AUTO-FILTER result is shown below

	A	C	D	E	F
9	COMPANY	BETTA PRODS			
10	PRODUCTS	ALL PRODUCTS			
11	AREAS	ALL AREAS			
12					
13					
14					
15	1001	1,000	1,098	98	TRUE
16	1002	1,234	1,355	121	TRUE
17	1003	1,468	1,611	143	TRUE
18	1004	1,702	1,868	166	TRUE
19	1005	1,936	2,125	189	TRUE
20	1006	2,170	2,382	212	TRUE
21	1007	2,404	2,639	235	TRUE
22	1008	2,638	2,896	258	TRUE
37	10 TOTAL	14,552	15,973	1,421	TRUE
38					TRUE
39					TRUE
43	1103	5,678	6,232	554	TRUE
44	1104	6,543	7,182	639	TRUE
45	1105	7,408	8,131	723	TRUE
46	1106	8,273	9,081	808	TRUE
47	1107	9,138	10,030	892	TRUE
48	1108	10,003	10,980	977	TRUE
49	1109	10,868	11,929	1,061	TRUE
50	1110	11,733	12,879	1,146	TRUE
54	1111	12,598	13,698	1,220	TRUE

The following screenshots give an example using ADVANCED FILTER. In this view the data is shown unfiltered. (Note the formula in the 'filter' column. If either column C or D is not equal to 0, the result is TRUE.)

	A	C	D	E	F
9	TB_CUBE				
9	COMPANY	BETTA PRODS			
10	PRODUCTS	ALL PRODUCTS			
11	AREAS	ALL AREAS			
2					
3					
4					
5	1001	1,000	1,098	98	TRUE
6	1002	1,234	1,355	121	TRUE
7	1003	1,468	1,611	143	TRUE
8	1004	1,702	1,868	166	TRUE
9	1005	1,936	2,125	189	TRUE
10	1006	2,170	2,382	212	TRUE
11	1007	2,404	2,639	235	TRUE
12	1008	2,638	2,896	258	TRUE
13	1009	2,872	3,152	280	TRUE
14	1010	0	0	0	=OR(C24<>0,D24<>0)
15	1011	0	0	0	FALSE
16	1012	0	0	0	FALSE
17	1013	0	0	0	FALSE
18	1014	0	0	0	FALSE

To apply the auto-filter add a Criteria range at the top of the report, with column headings copied from the report.



You can see in the screen shot how the filter is applied. The filter must be reapplied – DATA – ADVANCED FILTER – OK after each refresh.

The result is that only lines where condition is met are displayed. You can override the formula on lines that must always be displayed by typing 'TRUE' in the cell. Here this is shown in bold in F37..F39.

Similarly rows that should always be hidden – check totals - can be marked 'FALSE' to prevent their display.