Calculation Cheatsheet

The general calculation syntax:

(Column, Row, Measure, Default Value*)

*Default value can be used if there is an error. It avoids displaying "undefined"

- **Dimension Value columns/rows:** d1, d2, d3 from first to last; d-3, d-2, d-1 last to first.
- **Calculated columns/rows:** c1, c2, c3 from first to last.
- **Measures:** m1, m2, m3....

DIMENSION VALUE COLUMNS

Columns, left to right — d1 — d2 — d3

Columns, right to left — d-3 — d-2 — d-1

DIMENSION VALUE ROWS

Rows, top to bottom / *Rows, bottom to top*

d1 / d-5
d2 / d-4
d3 / d-3
d4 / d-2
d5 / d-1

Measures	m1	m2	m1	m2	m1	m2
	2017		2018		2019	
Salesperson	Revenue	No of Sales	Revenue	No of Sales	Revenue	No of Sales
Alvaro Bennett	572.395	146	782.105	116	960.737	181
Barret Forster	339.795	39	5.743.279	898	6.360.476	798
Fortunato Crawford	12.048.704	2.346	6.869.692	1.040	5.361.816	716
Luitpold Whyman	8.632.556	1.989	5.774.078	746	7.422.263	1.185
Vern Ferguson	8.261.749	2.207	6.023.734	859	8.971.857	1.706

CALCULATED COLUMNS

Referecnce to one specific cell: 2017, Alvaro Bennet, Revenue	Reference to the current row value of 2017 Revenue	Sum of all rows, 2017, Revenue	Sum of all columns, current row, No of Sales	Subtracting second-last No of Sales from last No of Sales, per current row	Reference to 4th calculated column
sum(d1, d1, m1)	**sum(d1, 0, m1)**	**sum(d1, all, m1)**	**sum(all, 0, m2)**	**sum(d-1, 0, m2) - sum(d-2, 0, m2)**	**sum(c4, 0, 0)**
572.395	572.395	29.855.199	443	65	443
572.395	339.795	29.855.199	1.735	-100	1.735
572.395	12.048.704	29.855.199	4.102	-324	4.102
572.395	8.632.556	29.855.199	3.920	439	3.920
572.395	8.261.749	29.855.199	4.772	847	4.772

CALCULATED ROWS

Sum of **all rows**, current column, current measure	**sum(0, all, 0)**	29,855,199	6.727	25,192,889	3.659	29.077.149	4.586

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