

# Modulo 4 Financials Desafio

🕒 Criado em	@September 7, 2024 2:58 PM
🏷️ Tags	

Importada a base de exemplo com os dados

= Table.TransformColumnTypes(financials_Table,{{"Segment", type text}, {"Country", type text}, {"Product", type text}, {"Discount Band", type text}, {"Units Sold", type number}, {"Manufacturing Price", type number}, {"Sale Price", type number}})								
Segment	Country	Product	Discount Band	Units Sold	Manufacturing Price	Sale Price	Units Sold	Units Sold
1 Government	Canada	Carretera	None	1618,5	3	20		
2 Government	Germany	Carretera	None	1321	3	20		
3 Midmarket	France	Carretera	None	2178	3	15		
4 Midmarket	Germany	Carretera	None	888	3	15		
5 Midmarket	Mexico	Carretera	None	2470	3	15		
6 Government	Germany	Carretera	None	1513	3	350		
7 Midmarket	Germany	Montana	None	921	5	15		
8 Channel Partners	Canada	Montana	None	2518	5	12		
9 Government	France	Montana	None	1899	5	20		
10 Channel Partners	Germany	Montana	None	1545	5	12		
11 Midmarket	Mexico	Montana	None	2470	5	15		
12 Enterprise	Canada	Montana	None	2665,5	5	125		
13 Small Business	Mexico	Montana	None	958	5	300		
14 Government	Germany	Montana	None	2146	5	7		
15 Enterprise	Canada	Montana	None	345	5	125		
16 Midmarket	United States of America	Montana	None	615	5	15		
17 Government	Canada	Paseo	None	292	10	20		
18 Midmarket	Mexico	Paseo	None	974	10	15		
19 Channel Partners	Canada	Paseo	None	2518	10	12		
20 Government	Germany	Paseo	None	1006	10	350		
21 Channel Partners	Germany	Paseo	None	367	10	12		
22 Government	Mexico	Paseo	None	883	10	7		
23 Midmarket	France	Paseo	None	549	10	15		
24 Small Business	Mexico	Paseo	None	788	10	300		
25 Midmarket	Mexico	Paseo	None	2472	10	15		
26 Government	United States of America	Paseo	None	1143	10	7		
27 Government	Canada	Paseo	None	1725	10	350		
28 Channel Partners	United States of America	Paseo	None	912	10	12		

Duplicada a base e criados campos para índices dos relacionamentos

= Table.RenameColumns("#Reordered Columns4",{{"idDiscount", "idDiscount"}})										
	idSegment	Segment	idCountry	Country	idProduct	Product	idDiscount	Discount		
1		1 Government		1 Canada		1 Carretera		0 None		
2		1 Government		2 Germany		1 Carretera		0 None		
3		2 Midmarket		3 France		1 Carretera		0 None		
4		2 Midmarket		2 Germany		1 Carretera		0 None		
5		2 Midmarket		4 Mexico		1 Carretera		0 None		
6		1 Government		2 Germany		1 Carretera		0 None		
7		2 Midmarket		2 Germany		2 Montana		0 None		
8		3 Channel Partners		1 Canada		2 Montana		0 None		
9		1 Government		3 France		2 Montana		0 None		
10		3 Channel Partners		2 Germany		2 Montana		0 None		
11		2 Midmarket		4 Mexico		2 Montana		0 None		
12		4 Enterprise		1 Canada		2 Montana		0 None		
13		5 Small Business		4 Mexico		2 Montana		0 None		
14		1 Government		2 Germany		2 Montana		0 None		
15		4 Enterprise		1 Canada		2 Montana		0 None		
16		2 Midmarket		5 United States of America		2 Montana		0 None		
17		1 Government		1 Canada		3 Paseo		0 None		
18		2 Midmarket		4 Mexico		3 Paseo		0 None		
19		3 Channel Partners		1 Canada		3 Paseo		0 None		
20		1 Government		2 Germany		3 Paseo		0 None		
21		3 Channel Partners		2 Germany		3 Paseo		0 None		
22		1 Government		4 Mexico		3 Paseo		0 None		
23		2 Midmarket		3 France		3 Paseo		0 None		
24		5 Small Business		4 Mexico		3 Paseo		0 None		
25		2 Midmarket		4 Mexico		3 Paseo		0 None		
26		1 Government		5 United States of America		3 Paseo		0 None		
27		1 Government		1 Canada		3 Paseo		0 None		
28		3 Channel Partners		5 United States of America		3 Paseo		0 None		
29		2 Midmarket		1 Canada		3 Paseo		0 None		
30		1 Government		1 Canada		3 Paseo		0 None		

## Separadas as tabelas

Queries [9]			= Table.Distinct("#Removed Columns")	
ABC 123	idSegment	A <sup>B</sup> Segment		
1		1 Government		
2		2 Midmarket		
3		3 Channel Partners		
4		4 Enterprise		
5		5 Small Business		

Queries [9]			= Table.Distinct("#Removed Columns")	
ABC 123	idCountry	A <sup>B</sup> Country		
1		1 Canada		
2		2 Germany		
3		3 France		
4		4 Mexico		
5		5 United States of America		

Queries [9]			= Table.Distinct("#Removed Columns")	
ABC 123	idDiscount	A <sup>B</sup> Discount Band		
1		0 None		
2		1 Low		
3		2 Medium		
4		3 High		



Queries [9]

- financials
- Financials\_Indices
- dSegment
- dCountry
- dDiscount
- dProduct
- dProductDetails
- dSalesDetails**
- FSales

fx = Table.RemoveColumns(#"Reordered Columns6",{"idProduct", "idSegment", "idCountry", "idDiscount", "idProductDetails", "idSalesDetails", "idSales"})

	1.2 idSales	1.2 Manufacturing Price	1.2 Gross Sales	1.2 COGS
1	0	3	32370	16185
2	1	3	26420	13210
3	2	3	32670	21780
4	3	3	13320	8880
5	4	3	37050	24700
6	5	3	529550	393380
7	6	5	13815	9210
8	7	5	30216	7554
9	8	5	37980	18990
10	9	5	18540	4635
11	10	5	37050	24700
12	11	5	333187,5	319860
13	12	5	287400	239500
14	13	5	15022	10730
15	14	5	43125	41400
16	15	5	9225	6150
17	16	10	5840	2920
18	17	10	14610	9740
19	18	10	30216	7554
20	19	10	352100	261560
21	20	10	4404	1101
22	21	10	6181	4415
23	22	10	8235	5490
24	23	10	236400	197000
25	24	10	37080	24720
26	25	10	8001	5715
27	26	10	603750	448500

Criada a tabela Calendar

board	Data
1	dCalendar = CALENDARAUTO(12)

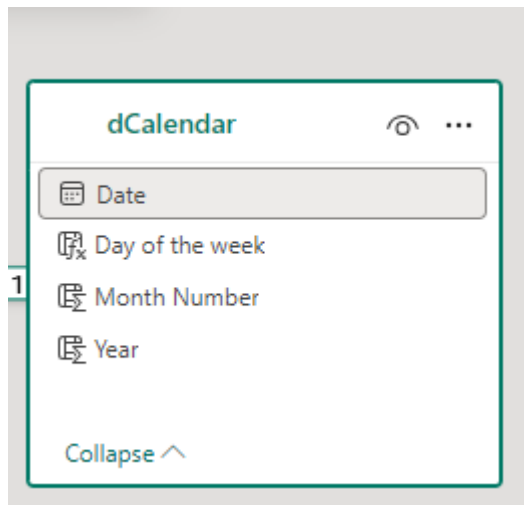
Criados os campos da tabela Calendar

board	Data
1	Day of the week = FORMAT('dCalendar'[Date], "DDDD")

board	Data
1	Month Number = MONTH('dCalendar'[Date])

board	Data
1	Year = YEAR('dCalendar'[Date])

Tabela Calendar pronta



Refeitos os relacionamentos entre as tabelas em Star Schema

