

Data Analytics Assignment-4

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2 basic calculations:

1.

The screenshot shows a Tableau interface with a pivot table titled 'Sheet 12'. The columns are 'Category', 'Sub-Category', and 'Order Date' (with years 2011, 2012, 2013, 2014). The rows are 'Furniture', 'Office Supplies', and 'Technology'. The table displays profit values for each sub-category. A legend on the right indicates 'AGG(PROFIT OR LOSS)' with 'Not Profitable' in blue and 'Profitable' in orange. The 'Marks' card on the left shows 'SUM(Profit)' and 'AGG(PROFIT...)'.

Category	Sub-Category	2011	2012	2013	2014
Furniture	Bookcases	27,519	28,127	43,049	53,215
	Chairs	29,943	28,755	40,449	41,248
	Furnishings	7,310	9,562	14,605	15,591
	Tables	-11,075	-8,422	-10,040	-30,548
Office Supplies	Appliances	22,838	24,316	41,486	53,041
	Art	10,399	11,841	15,630	20,094
	Binders	11,447	17,123	21,524	22,355
	Envelopes	5,056	5,603	9,572	8,360
	Fasteners	1,937	3,004	2,912	3,672
	Labels	3,119	3,230	3,607	5,058
	Paper	10,666	10,587	16,880	20,976
	Storage	15,944	21,489	32,011	39,017
	Supplies	4,580	5,012	5,625	7,365
	Technology	15,720	33,507	38,805	41,594
Technology	Accessories	30,375	51,843	72,301	104,045
	Copiers	9,225	15,404	15,612	18,628
	Phones	52,927	45,223	46,909	70,658

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Pages	Columns	Region
Filters	Rows	MONTH(Order Da...
Marks		
Automatic		
Color	Size	Text
Detail	Tooltip	
		SUM(Sales)

	Rank												
	Region												
Month of Order Date	Africa	Canada	Caribbean	Central	Central Asia	East	EMEA	North	North Asia	Oceania	South	Southeast Asia	West
January	11	8	12	11	9	11	7	10	8	8	11	9	11
February	8	6	11	12	11	12	10	12	11	10	12	12	12
March	12	11	10	10	10	10	6	8	9	9	10	10	4
April	10	12	8	7	8	8	12	11	12	11	8	11	10
May	7	10	6	8	6	6	8	7	7	5	7	8	9
June	5	4	4	5	7	7	1	3	5	3	4	1	8
July	9	7	9	9	12	9	11	9	10	12	9	7	5
August	2	1	7	4	2	5	2	5	1	7	6	5	6
September	4	9	5	3	5	2	3	2	6	6	2	6	3
October	6	5	1	6	1	4	9	6	2	2	5	4	7
November	3	3	3	2	3	1	5	4	3	1	3	3	2
December	1	2	2	1	4	3	4	1	4	4	1	2	1

2 lod expressions:

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