

# DATA ANALYTICS ASSIGNMENT-4

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## 2 basic calculations:

1.

The screenshot shows a Tableau worksheet titled 'Sheet 12'. The Columns shelf contains 'YEAR(Order Date)' and the Rows shelf contains 'Category' and 'Sub-Category'. The Marks shelf is set to 'SUM(Profit)' with a color legend for 'AGG(PROFIT OR LOSS)' showing 'Not Profitable' in blue and 'Profitable' in orange. The table displays profit data for three years (2011, 2012, 2013, 2014) across various categories and sub-categories. Profitable items are highlighted in orange, and unprofitable items are in blue.

Category	Sub-Category	2011	2012	2013	2014
Furniture	Bookcases	27,515	23,137	43,049	53,219
	Chairs	29,943	28,755	40,449	41,348
	Furnishings	7,310	9,562	14,005	16,351
	Tables	-11,075	-8,422	-14,040	-30,546
Office Supplies	Appliances	22,888	24,316	41,485	53,041
	Art	10,399	11,941	15,630	20,094
	Binders	11,447	17,123	21,524	22,366
	Envelopes	5,056	5,603	9,572	8,360
	Fasteners	1,927	3,004	2,912	3,572
	Labels	3,119	3,230	3,607	5,055
	Paper	10,666	12,587	15,000	20,976
	Storage	15,944	21,489	32,011	39,017
	Supplies	4,580	5,012	5,625	7,365
	Technology	15,720	38,507	38,005	41,694
Technology	Accessories	15,720	38,507	38,005	41,694
	Copiers	30,375	51,943	72,301	104,045
	Machines	9,225	15,404	15,612	18,626
	Phones	52,937	46,223	46,509	70,659

2.

Pages: Columns: Region Rows: MONTH(Order Date)

Filters:

Marks: Automatic Color Size Text Detail Tooltip SUM(Sales)

Rank

Month of Order Date	Region												
	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	5	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:

1.



2.

