

# 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 map for 'AGG(PROFIT OR LOSS)' where blue represents 'Not Profitable' and orange represents 'Profitable'. The table displays profit data for the years 2011, 2012, 2013, and 2014 across various categories and sub-categories.

Category	Sub-Category	2011	2012	2013	2014
Furniture	Bookcases	27,519	28,127	48,049	68,219
	Chairs	29,943	28,755	40,649	41,248
	Furnishings	7,310	9,562	14,605	15,391
	Tables	-11,075	-8,422	-14,040	-20,548
Office Supplies	Appliances	22,838	24,316	41,485	53,041
	Art	10,399	11,841	15,630	20,094
	Binders	11,447	17,123	21,524	22,386
	Envelopes	5,056	6,603	9,572	8,360
	Fasteners	1,937	3,004	2,912	3,672
	Labels	3,119	3,230	3,607	5,058
	Paper	10,665	10,587	15,880	20,976
	Storage	15,944	21,489	32,011	39,017
	Supplies	4,580	5,012	5,625	7,365
	Technology	15,720	33,907	38,605	41,594
Technology	Copiers	30,376	51,849	72,301	104,048
	Machines	9,225	15,404	15,612	18,628
	Phones	52,927	45,223	46,909	70,658

2.

Pages:

Columns: Region

Rows: MONTH(Order Date)

Filters:

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	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.

