

# 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 card is set to 'SUM(Profit)' with a color legend for 'AGG(PROFIT OR LOSS)' showing 'Not Profitable' in blue and 'Profitable' in orange. The data is presented in a pivot table format.

Category	Sub-Catego..	Order Date			
		2011	2012	2013	2014
Furniture	Bookcases	27,519	28,137	43,049	63,219
	Chairs	29,943	28,755	40,449	41,248
	Furnishings	7,310	9,662	14,605	15,391
	Tables	-11,075	-8,422	-14,040	-30,546
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	22,356
	Envelopes	5,066	6,603	9,572	8,360
	Fasteners	1,937	3,004	2,912	3,672
	Labels	3,119	3,230	3,607	5,055
	Paper	10,666	10,687	16,880	20,976
	Storage	15,944	21,489	35,011	39,017
	Supplies	4,580	5,012	5,625	7,365
	Technology	15,720	33,507	30,805	41,594
Technology	Copiers	30,375	61,843	72,301	104,048
	Machines	9,225	15,404	15,612	18,628
	Phones	53,927	45,223	46,909	70,658

2.

Pages

Columns

Region

Rows

MONTH(Order Da...

Filters

Marks

Automatic

Color

Size

Text

Detail

Tooltip

SUM(Sales)

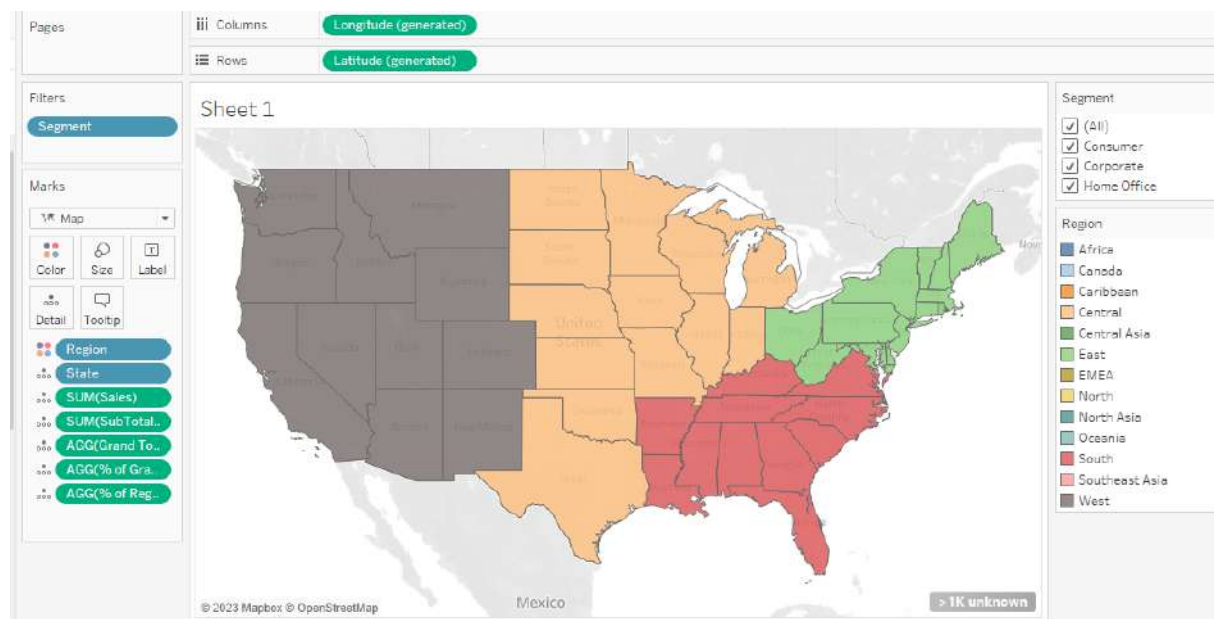
Rank

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.

