

UPENDRA PRATAP SINGH

TASK-3 EXPLORATRY DATA ANALYSIS-RETAIL

OBJECTIVE

- . Perform "Exploratory Data analysis" on SAMPLESUPERSTORE
- . As a business manager, try to find out the weak area where you can work to make more profit

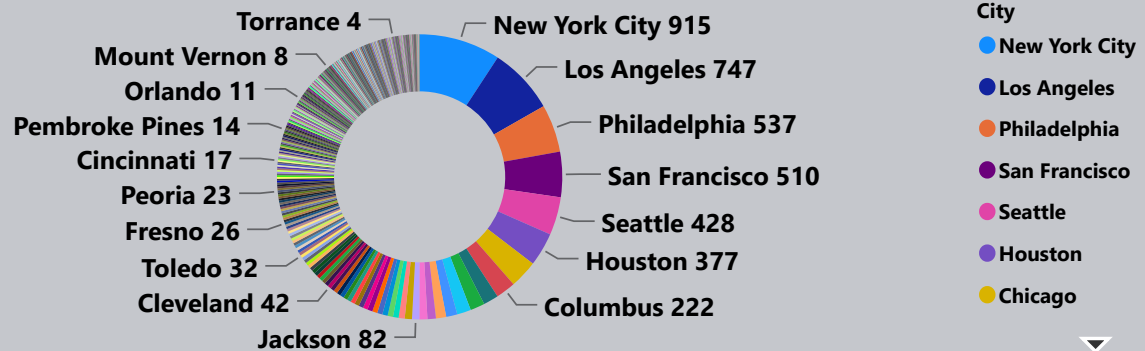
GRIP@ THE SPARK FOUNDATION

Relation between non profitable City and Postel Code

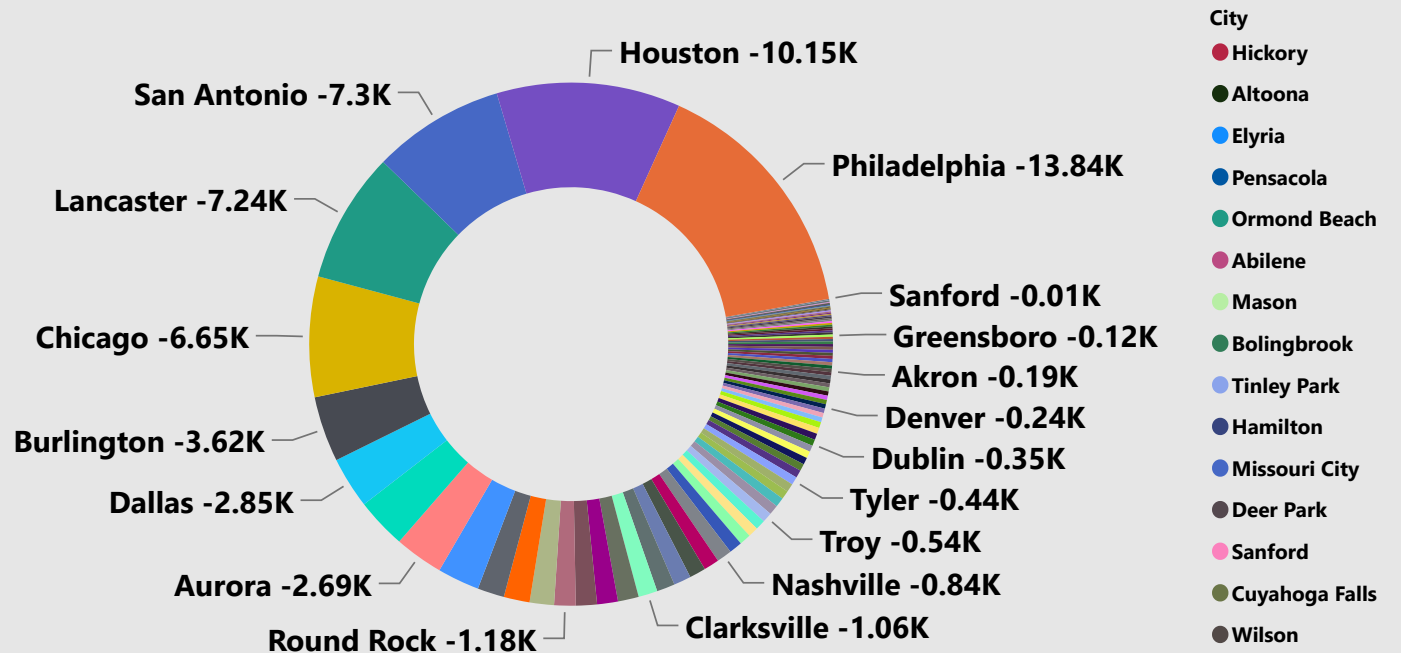
Table of City, Profit and Postal Code(No of store available in city)

City	Profit	Postal Code
Yuma	-465.99	4
York	-102.17	5
Wilson	-14.34	6
Wheeling	-107.40	7
Waco	-520.10	6
Tyler	-443.71	5
Tucson	-64.97	32
Troy	-544.15	29
Toledo	-340.00	32
Tinley Park	-8.92	1
Tigard	-216.29	8
Tampa	-325.24	36
Tamarac	-351.90	4
Skokie	-346.87	11
Scottsdale	-89.49	12
Sanford	-11.83	2
San Marcos	-19.34	4
Total	-89,562.63	2982

Postal Code(No. of Store available in the city) by City



Non Profitable City

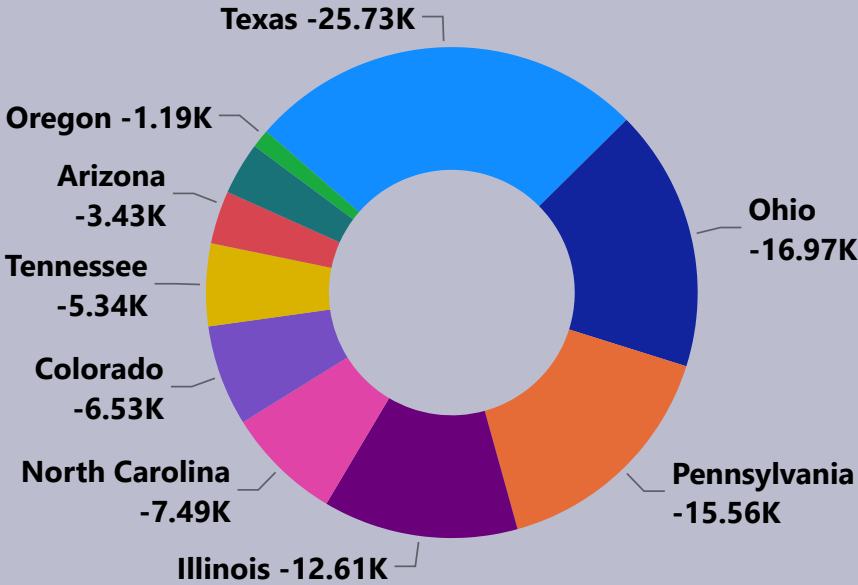


Relation of Profit, Quantity, and Sales in non profitale STATE

Table of Profit, Quantity, and Sales

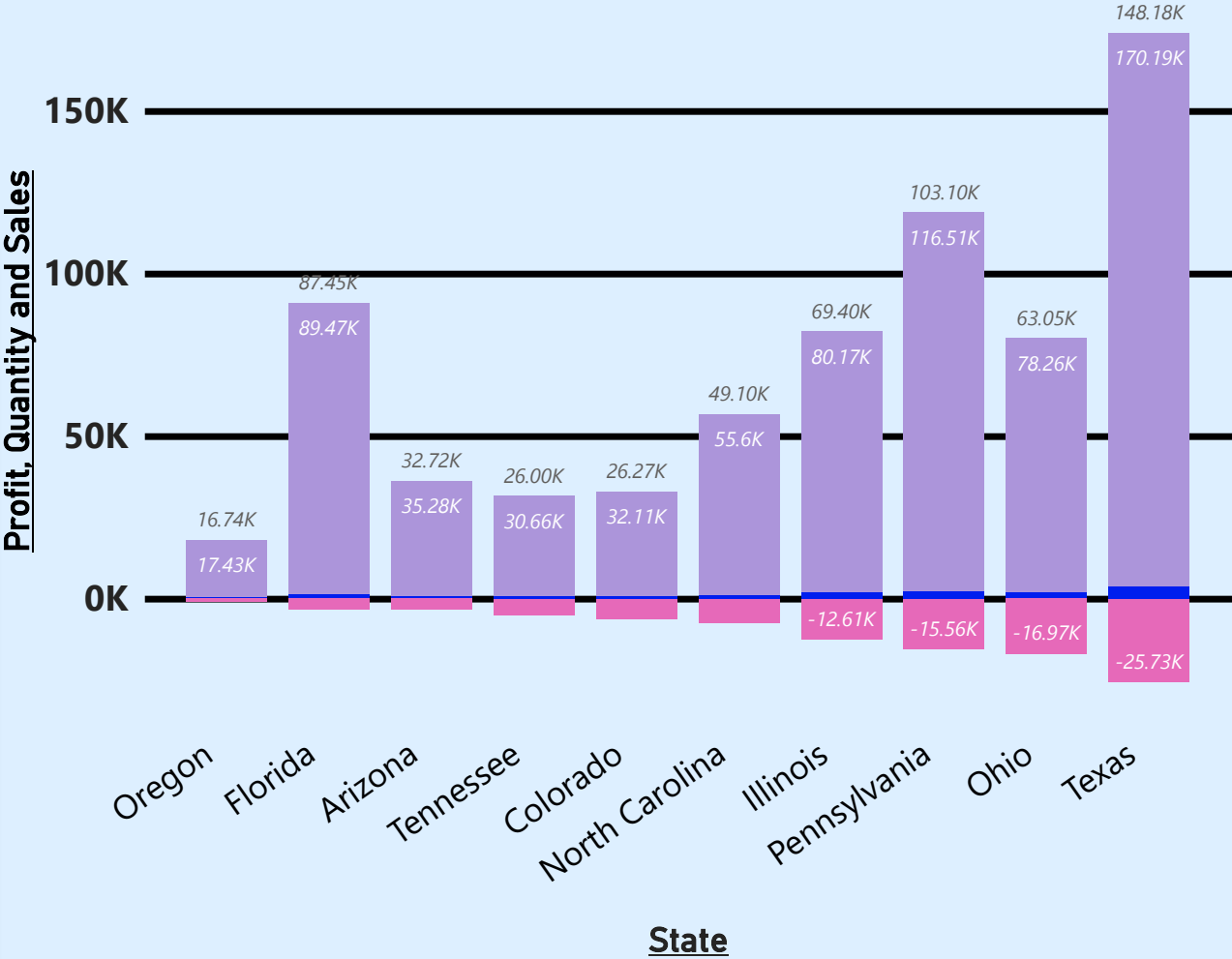
State	Sales	Quantity	Profit
Texas	1,70,188.05	3724	-25,729.36
Ohio	78,258.14	1759	-16,971.38
Pennsylvania	1,16,511.91	2153	-15,559.96
Illinois	80,166.10	1845	-12,607.89
North Carolina	55,603.16	983	-7,490.91
Total	7,05,684.21	14578	-98,246.74

Non Profitable State



Profit, Quantity and Sales by State

● Profit ● Quantity ● Sales



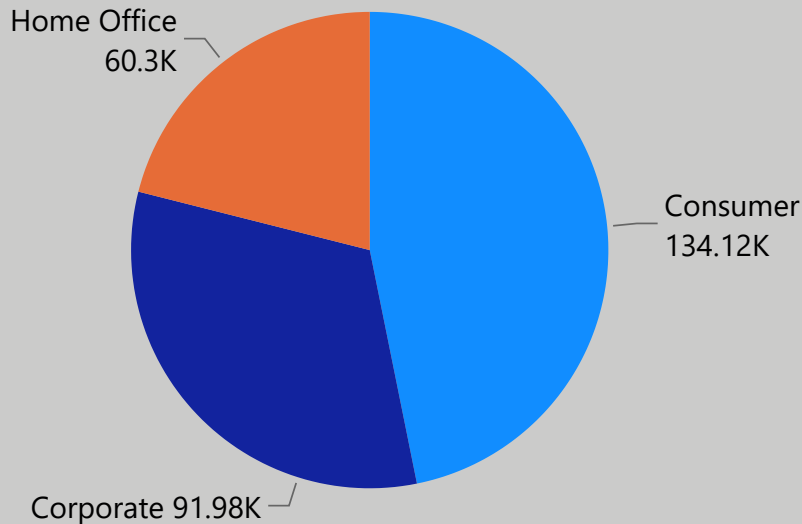
Relation between Profit, Quantity, and Sales in Segment

Table of Segment, Profit, Quantity and Sales

Segment	Profit	Quantity	Sales
Home Office	60,298.68	6744	4,29,653.15
Corporate	91,979.13	11608	7,06,146.37
Consumer	1,34,119.21	19521	11,61,401.35
Total	2,86,397.02	37873	22,97,200.86

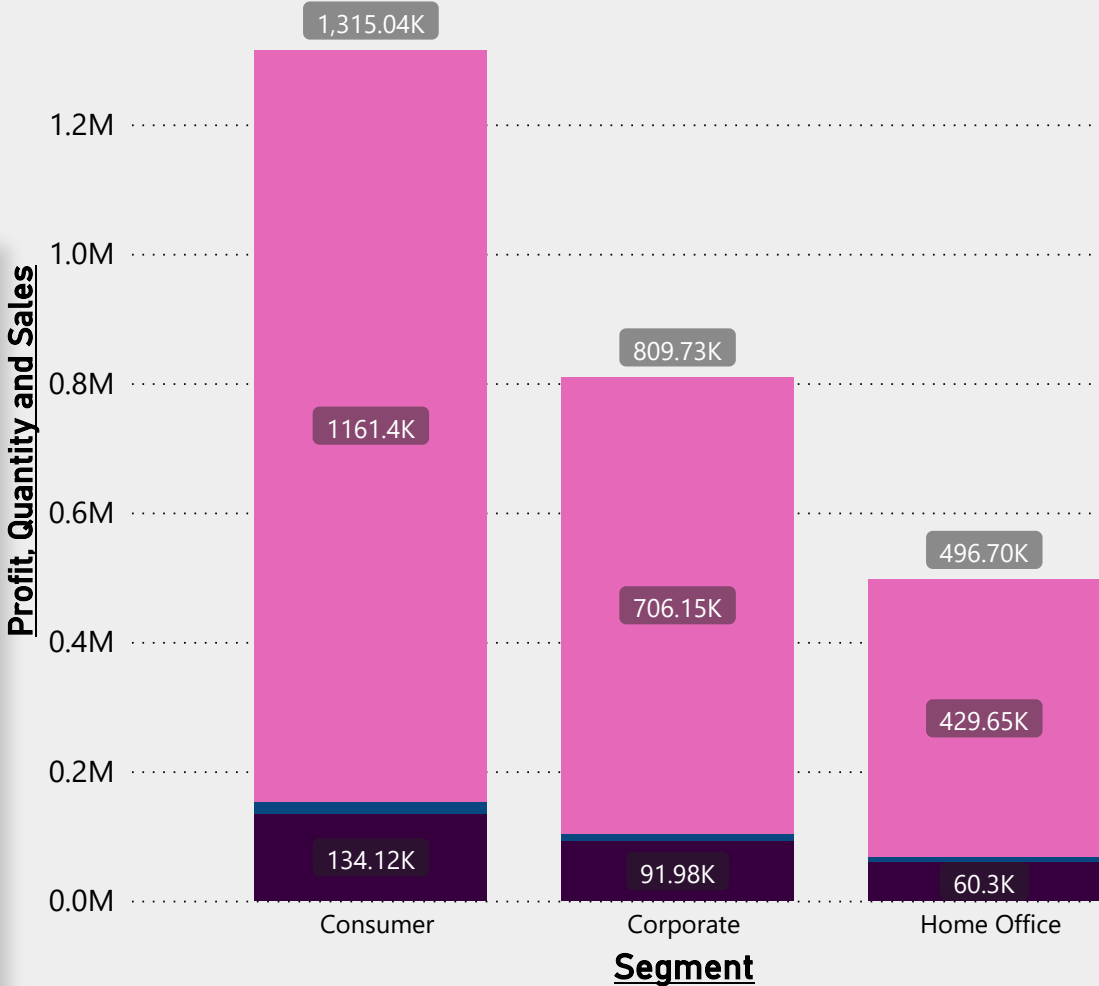
Profit by Segment

Segment ● Consumer ● Corporate ● Home Office



Profit, Quantity and Sales by Segment

● Profit ● Quantity ● Sales



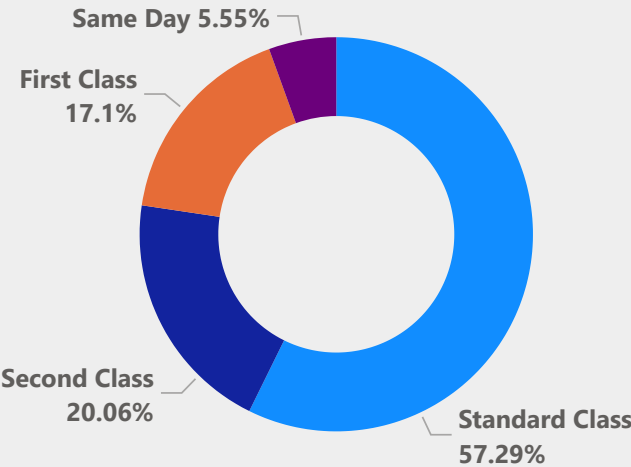
Relation between Profit , Quantity and Sales in Ship Mode

Table of Ship Mode , Profit, Quantity, and Sales

Ship Mode	Profit	Quantity	Sales
Standard Class	1,64,088.79	22797	13,58,215.74
Second Class	57,446.64	7423	4,59,193.57
First Class	48,969.84	5693	3,51,428.42
Same Day	15,891.76	1960	1,28,363.13
Total	2,86,397.02	37873	22,97,200.86

Profit by Ship Mode

Ship Mode ● Standard CL... ● Second CL... ● First Class ● Same Day



Profit, Quantity and Sales by Ship Mode

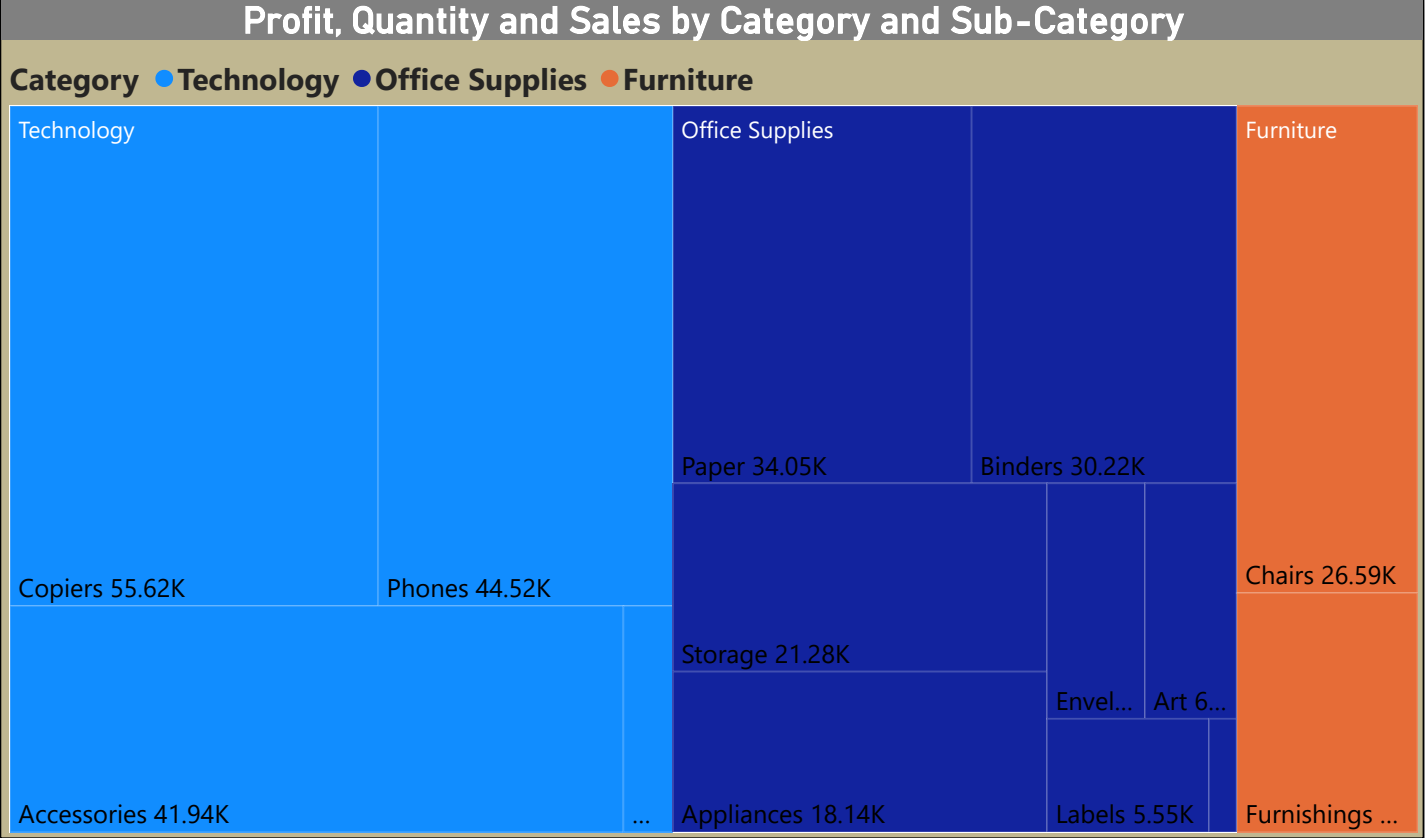
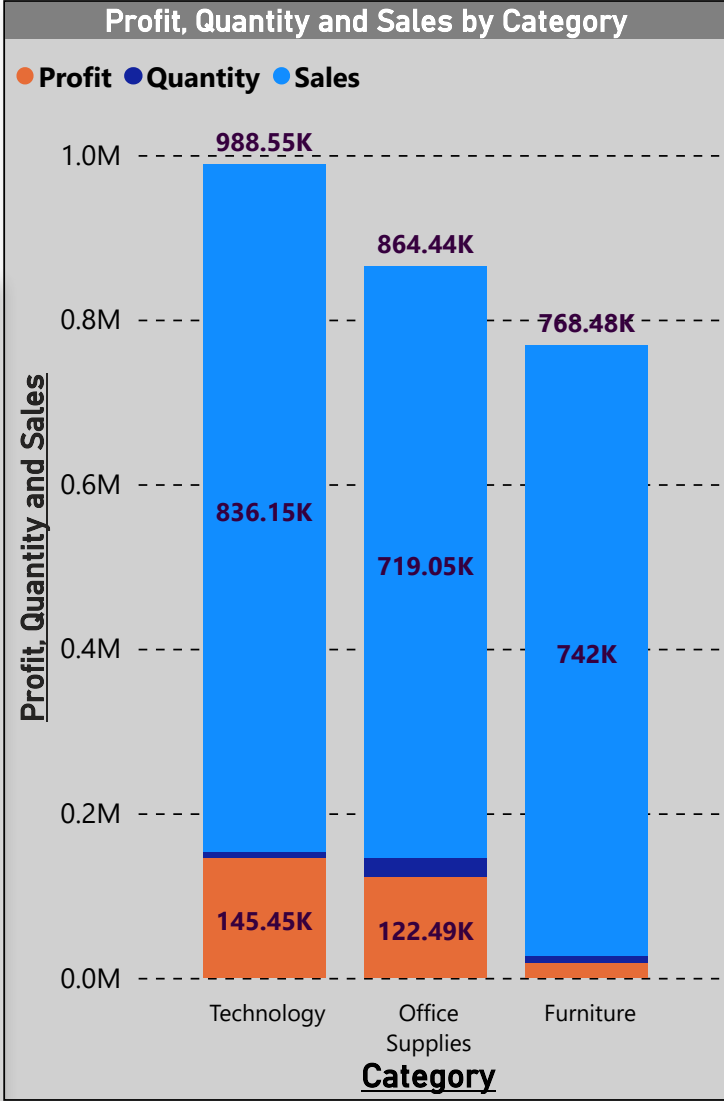
● Profit ● Quantity ● Sales



Relation between Profit, Quantity and Sales in Category and Sub-Category

Table of Category, Profit, Quantity and Sales			
Category	Profit	Quantity	Sales
Technology	1,45,454.95	6939	8,36,154.03
Furniture	18,451.27	8028	7,41,999.80
Office Supplies	1,22,490.80	22906	7,19,047.03
Total	2,86,397.02	37873	22,97,200.86

Table of Sub-Category, Profit, Quantity and Sales			
Sub-Category	Profit	Quantity	Sales
Binders	30,221.76	5974	2,03,412.73
Paper	34,053.57	5178	78,479.21
Furnishings	13,059.14	3563	91,705.16
Total	2,86,397.02	37873	22,97,200.86



Relation between Profit, Quantity and Sales in Region

Table of Region, Profit, Quantity and Sales			
Region	Profit	Quantity	Sales
Central	39,706.36	8780	5,01,239.89
South	46,749.43	6209	3,91,721.91
East	91,522.78	10618	6,78,781.24
West	1,08,418.45	12266	7,25,457.82
Total	2,86,397.02	37873	22,97,200.86

