

Name – **Rahul Patil**

Reg. No. – **20MIP10039**

Subject – **Data Analysis and Visualization**

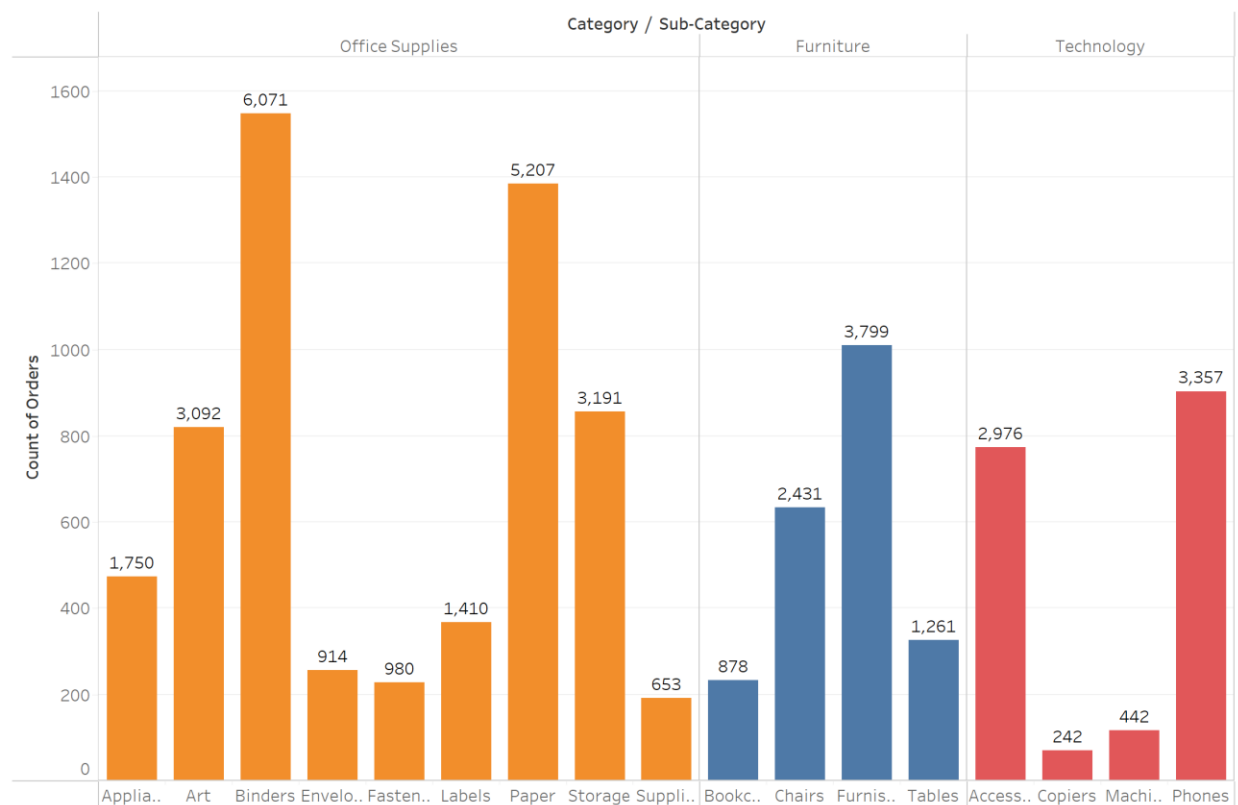
Slot – **B11 + B12 + B13**

Faculty – **Dr. Pon Harshvardhanan**

Bar Chart, Grid Chart and Pie Chart

1>

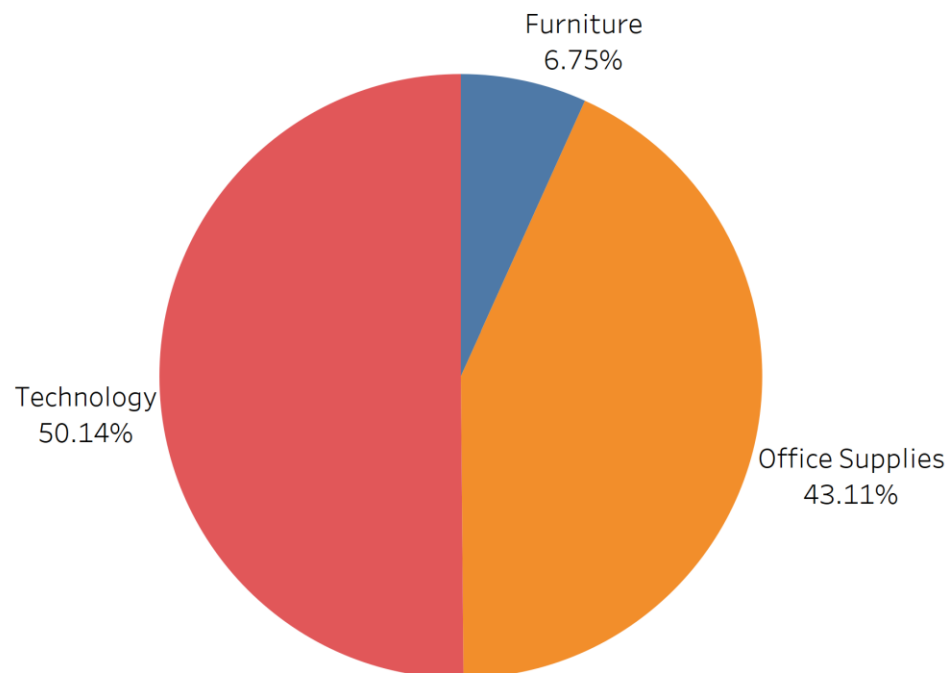
SuperStore_BarChart_1



SuperStore_GridChart_1

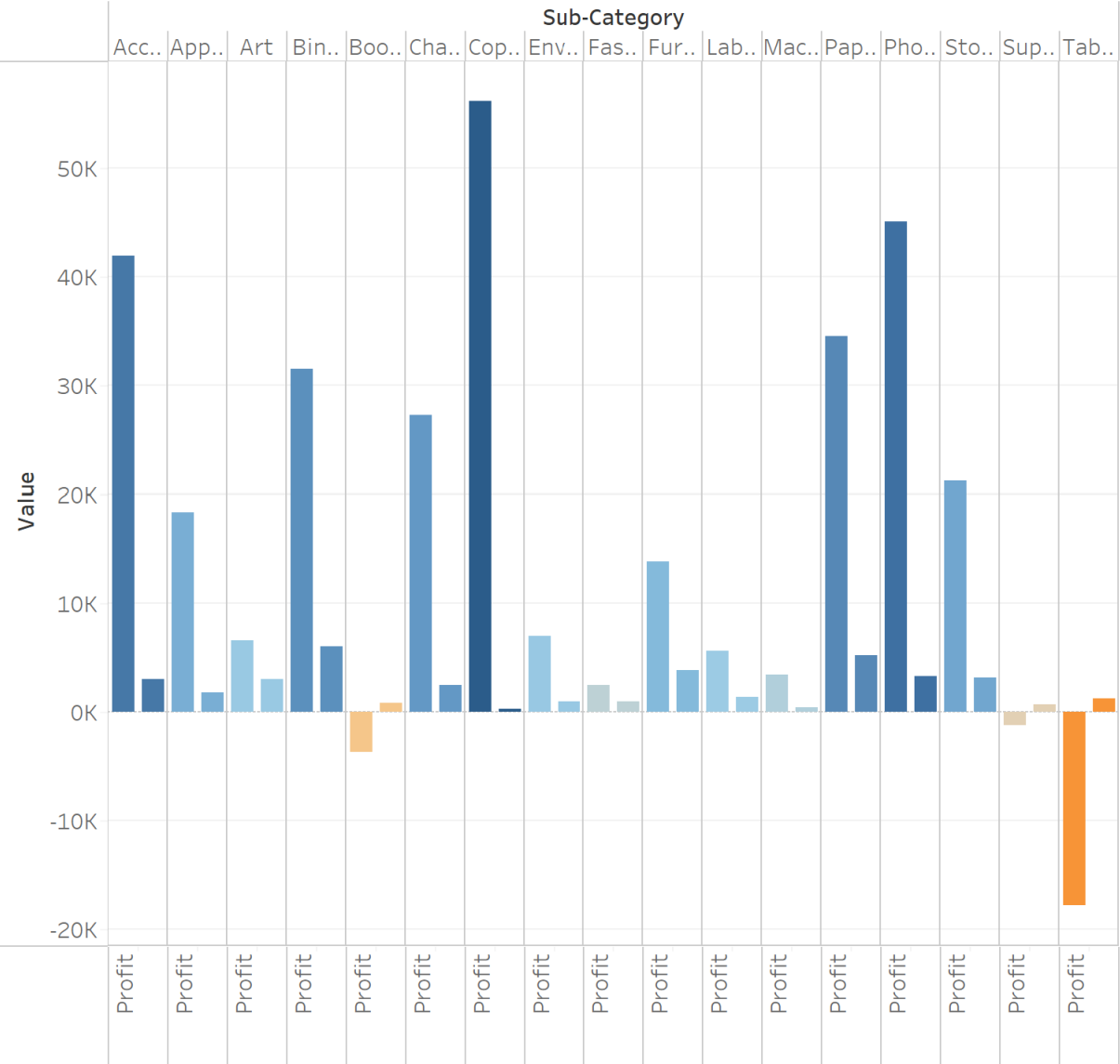
Category	Sub-Catego..	Count..	Quant..
Furniture	Bookcases	232	878
	Chairs	634	2,431
	Furnishings	1,009	3,799
	Tables	326	1,261
Office Supplies	Appliances	474	1,750
	Art	821	3,092
	Binders	1,548	6,071
	Envelopes	256	914
	Fasteners	229	980
	Labels	368	1,410
	Paper	1,384	5,207
	Storage	856	3,191
	Supplies	192	653
Technology	Accessories	775	2,976
	Copiers	70	242
	Machines	117	442
	Phones	903	3,357

SuperStore_PieChart_1



2>

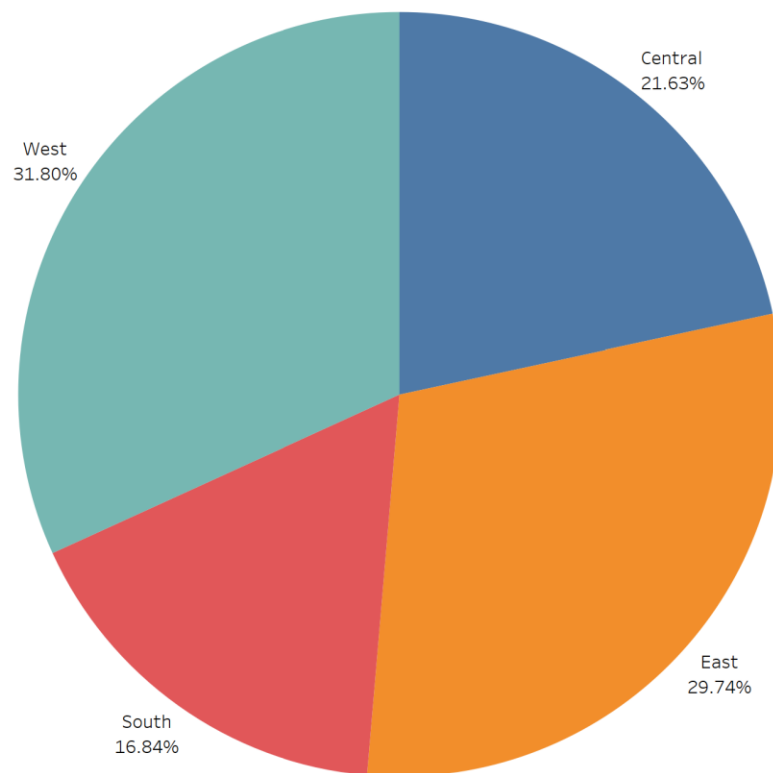
SuperStore_BarChart_2



SuperStore_GridChart_2

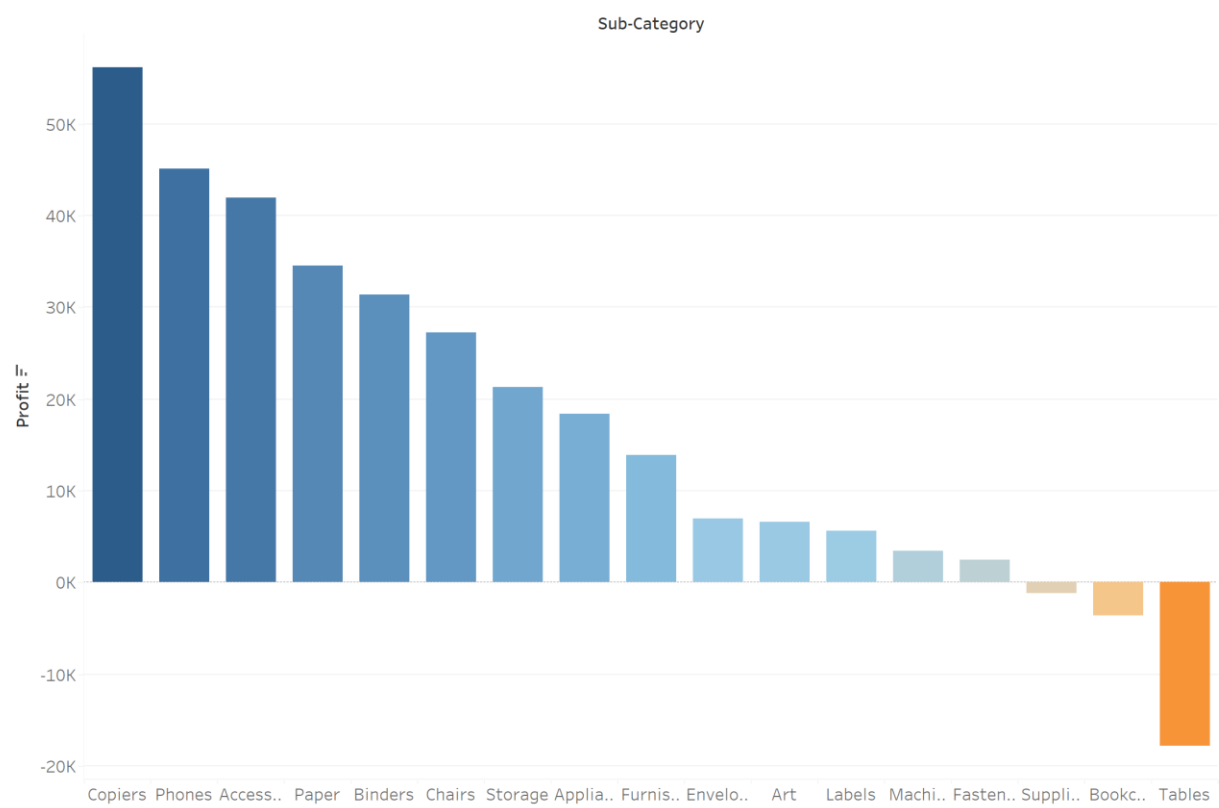
Sub-Catego..	Profit	Quantity
Accessories	41,937	2,976
Appliances	18,329	1,750
Art	6,653	3,092
Binders	31,426	6,071
Bookcases	-3,632	878
Chairs	27,224	2,431
Copiers	56,094	242
Envelopes	6,988	914
Fasteners	2,429	980
Furnishings	13,892	3,799
Labels	5,573	1,410
Machines	3,462	442
Paper	34,512	5,207
Phones	45,051	3,357
Storage	21,285	3,191
Supplies	-1,171	653
Tables	-17,753	1,261

SuperStore_PieChart_2



3>

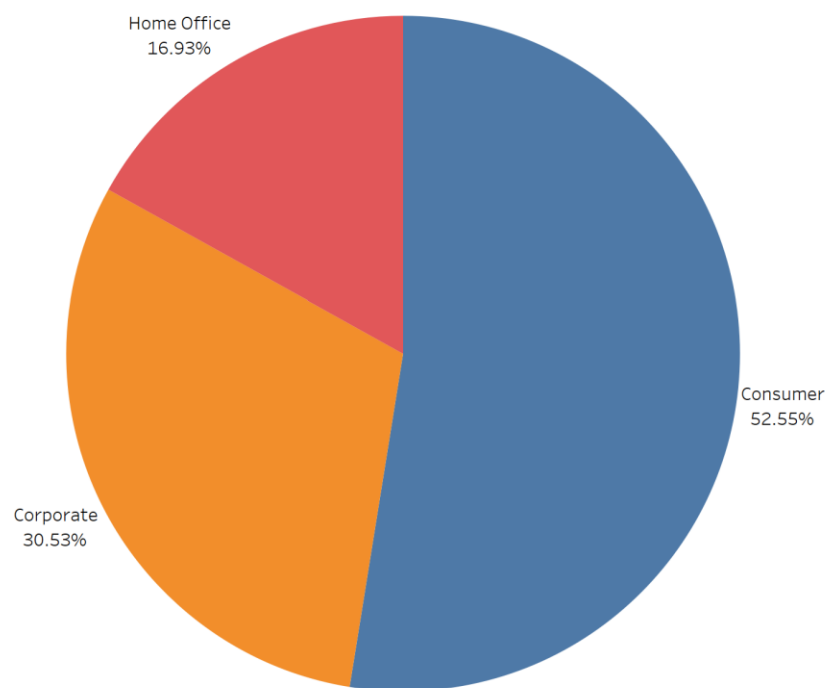
SuperStore_BarChart_3



SuperStore_GridChart_3

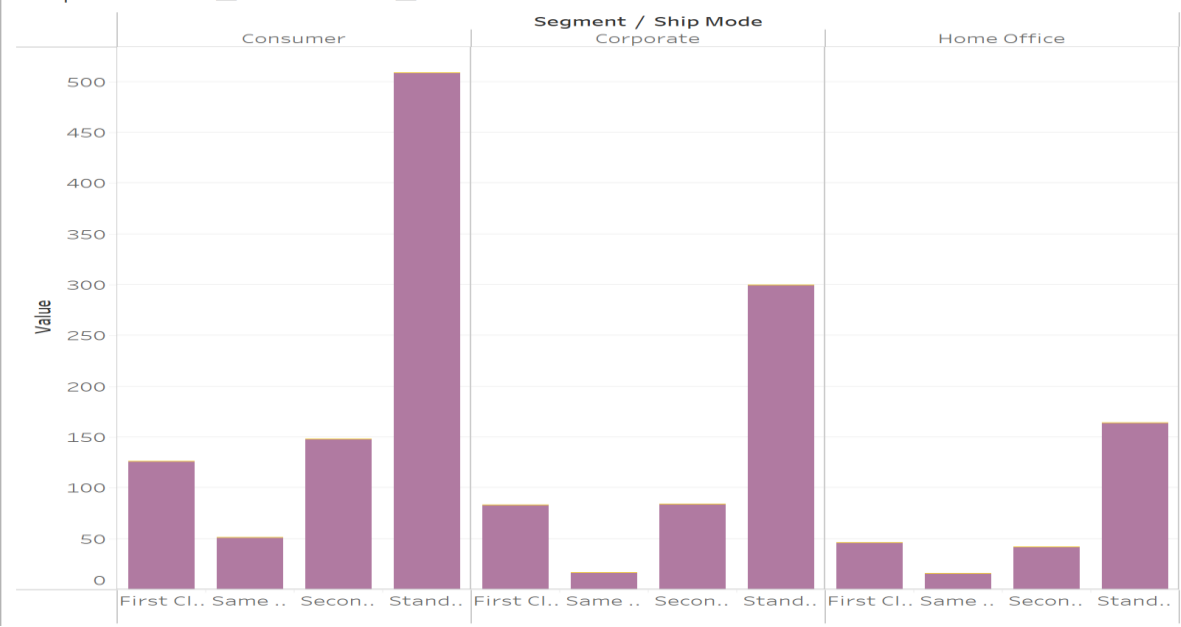
Sub-Catego..	
Accessories	41,937
Appliances	18,329
Art	6,653
Binders	31,426
Bookcases	-3,632
Chairs	27,224
Copiers	56,094
Envelopes	6,988
Fasteners	2,429
Furnishings	13,892
Labels	5,573
Machines	3,462
Paper	34,512
Phones	45,051
Storage	21,285
Supplies	-1,171
Tables	-17,753

SuperStore_PieChart_3



4>

SuperStore_BarChart_4



SuperStore_GridChart_4

Segment	Ship Mode	% of Total Discount along Segment					Ship Date				
		2020	2021	2022	2023	2024	2020	2021	2022	2023	2024
Consumer	First Class	49.17%	49.48%	55.88%	45.45%		22.3	23.1	34.1	46.4	
	Same Day	74.92%	81.77%	49.10%	48.07%		11.2	16.2	9.6	13.7	
	Second Class	64.61%	53.83%	43.75%	56.57%		34.1	31.3	33.9	48.3	0.0
	Standard Class	58.22%	51.50%	49.39%	51.03%	60.36%	116.1	108.1	120.9	158.4	4.7
Corporate	First Class	34.48%	33.35%	25.45%	35.64%		15.6	15.6	15.6	36.4	
	Same Day	20.07%	8.10%	32.74%	18.95%		3.0	1.6	6.4	5.4	
	Second Class	26.19%	33.95%	33.17%	29.09%		13.8	19.7	25.7	24.9	0.0
	Standard Class	27.81%	34.25%	31.80%	29.59%	37.08%	55.5	71.9	77.8	91.8	2.9
Home Office	First Class	16.35%	17.18%	18.66%	18.92%		7.4	8.0	11.4	19.3	
	Same Day	5.02%	10.13%	18.16%	32.98%		0.8	2.0	3.6	9.4	
	Second Class	9.20%	12.22%	23.08%	14.34%		4.9	7.1	17.9	12.3	
	Standard Class	13.97%	14.25%	18.82%	19.38%	2.56%	27.9	29.9	46.1	60.2	0.2

SuperStore_PieChart_4

