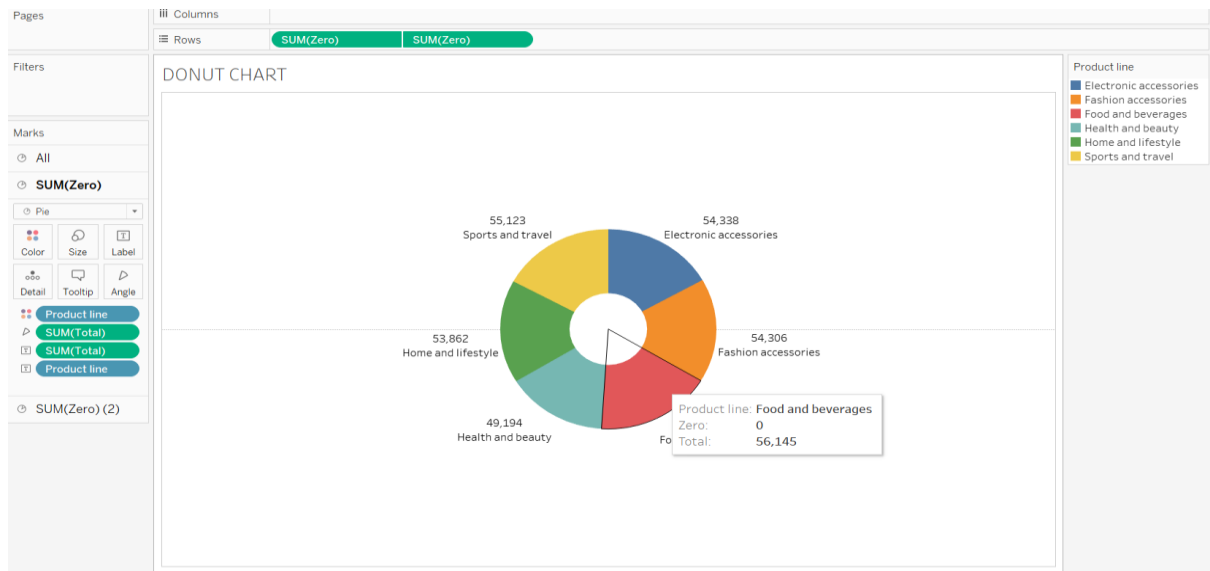# Data Analytics

Assignment- 2

Aim: To analyze the supermarket sales dataset using Tableau and create advanced visualizations such as Donut Chart, Area Chart, Text Table, Highlighted Table, WordCloud, Funnel Chart, and Waterfall Chart.
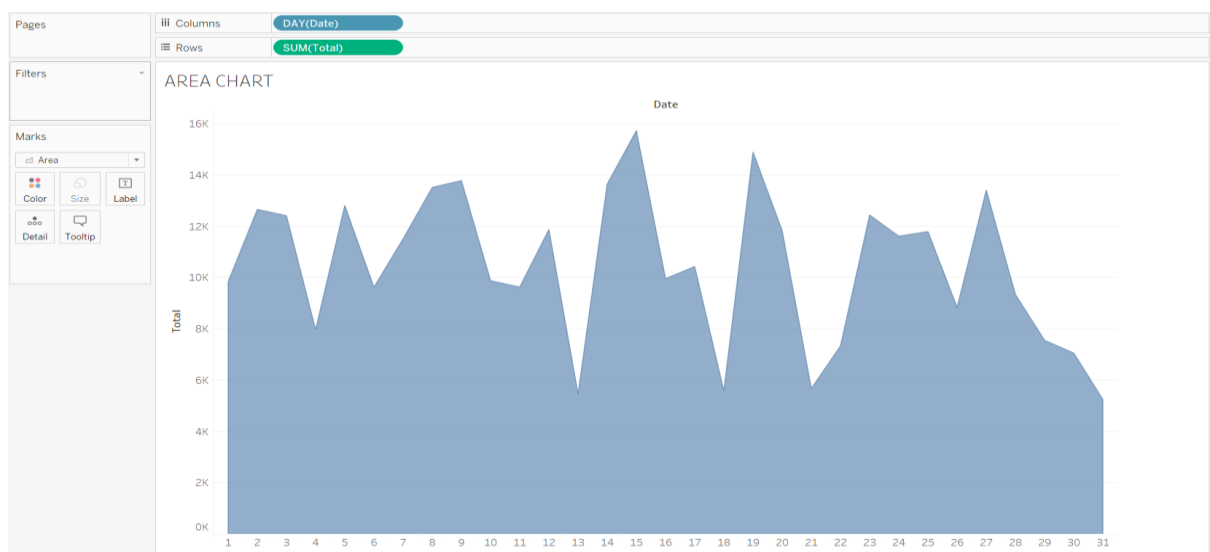
1. Donut Chart

Title: Payment Method Distribution

2. Area Chart

Title: Sales Trend Over Date

3. Text Table

Title: Branch Wise Total Sales

Pages		
	iii Columns	Product line / YEAR(Date)
	≡ Rows	Customer type / Invoice ID

TEXT TABLE

Product line / Date

Custome..	Invoice ID	Electronic accessories 2019	Fashion accessories 2019	Food and beverages 2019	Health and beauty 2019	Home and lifestyle 2019	Sports and travel 2019
Member	101-81-4070				6.28		
	102-06-2002						6.31
	102-77-2261				22.86		
	105-10-6182		2.15				
	105-31-1824						24.33
	106-35-6779					4.43	
	109-28-2512		29.28				
	109-86-4363						21.03
	110-48-7033		6.52				
	115-38-7388		4.07				
	115-99-4379		19.16				
	118-62-1812					15.68	
	123-19-1176				23.29		
	124-31-1458	11.94					
	126-54-1082					9.69	
	129-29-8530						15.66
	130-67-4723			14.55			
	131-15-8856			29.01			
	131-70-8179				13.81		
	132-23-6451				5.24		
	132-32-9879	18.79					
	133-77-3154		12.04				
	134-75-2619	6.76					
	135-13-8269			7.89			
	138-17-5109					40.14	
	139-20-0155	20.15					
	139-32-4183						43.87
	142-72-4741		9.32				
	144-51-6085					14.15	
	146-09-5432			15.77			
	148-82-2527					6.06	

4. Highlighted Table

Title: Product Line vs Branch Sales

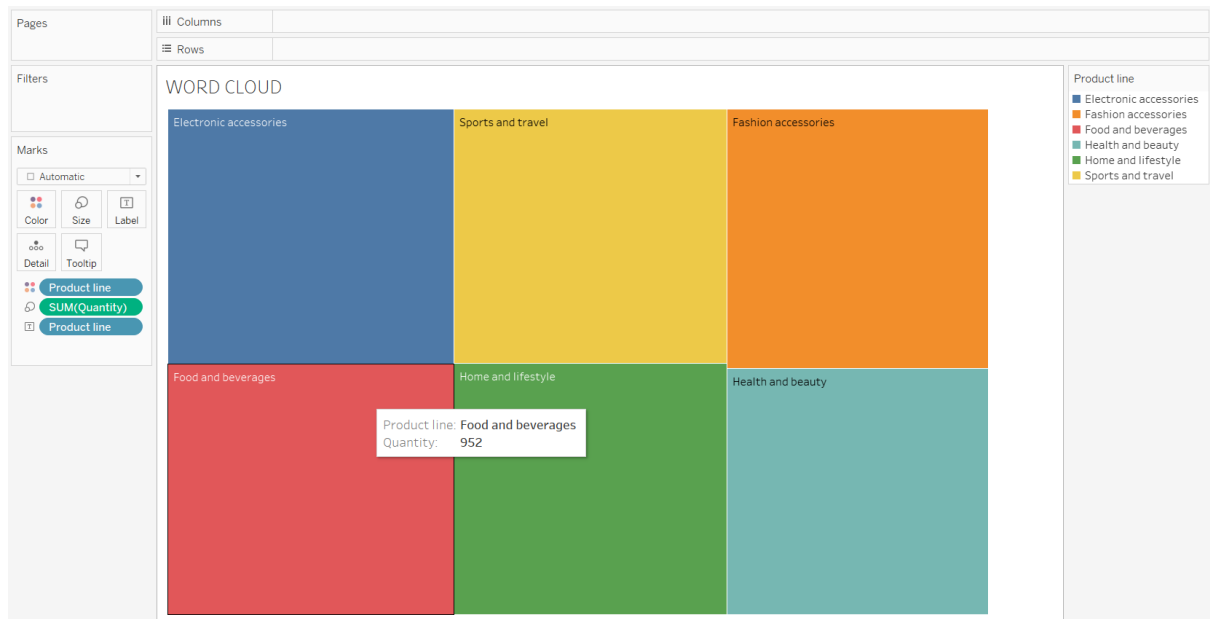| Pages		
	iii Columns	Product line
	≡ Rows	Branch

HIGHLIGHTED TABLE

Product line

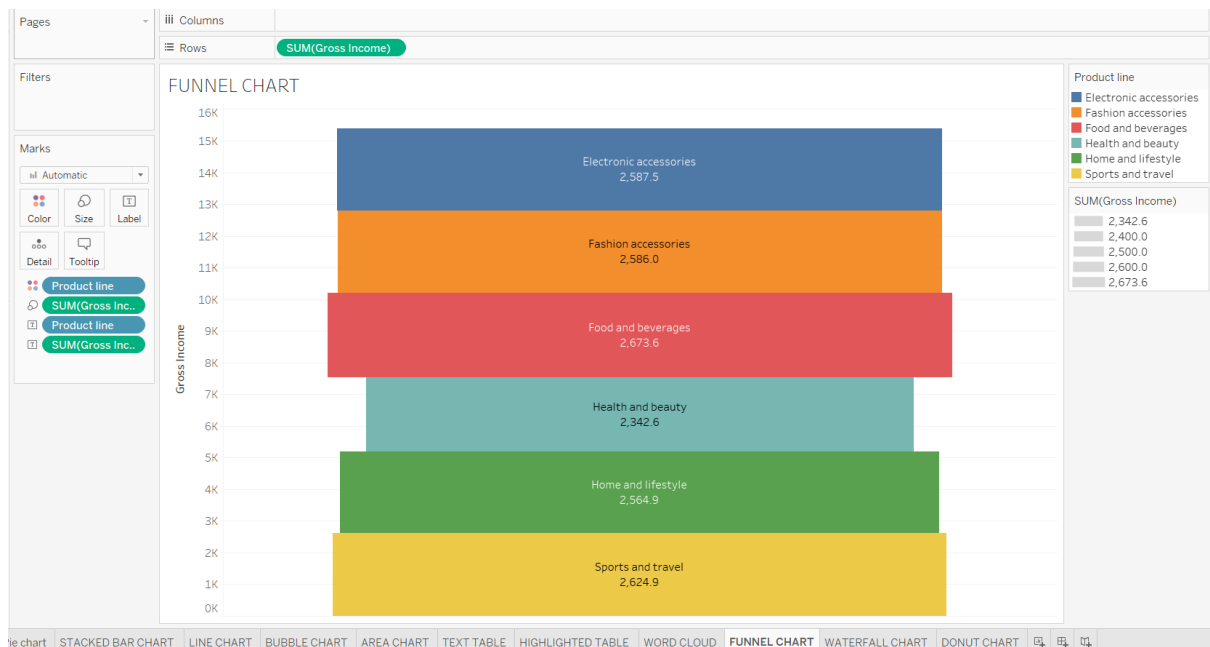| Branch	Electronic accessories	Fashion accessories	Food and beverages	Health and beauty	Home and lifestyle	Sports and travel
A	18,317	16,333	17,163	12,598	22,417	19,373
B	17,051	16,413	15,215	19,981	17,549	19,988
C	18,969	21,560	23,767	16,615	13,896	15,762

SUM(Total)
12,598 — 23,767

5. WordCloud

Title: Product Line Popularity Based on Quantity

6. Funnel Chart

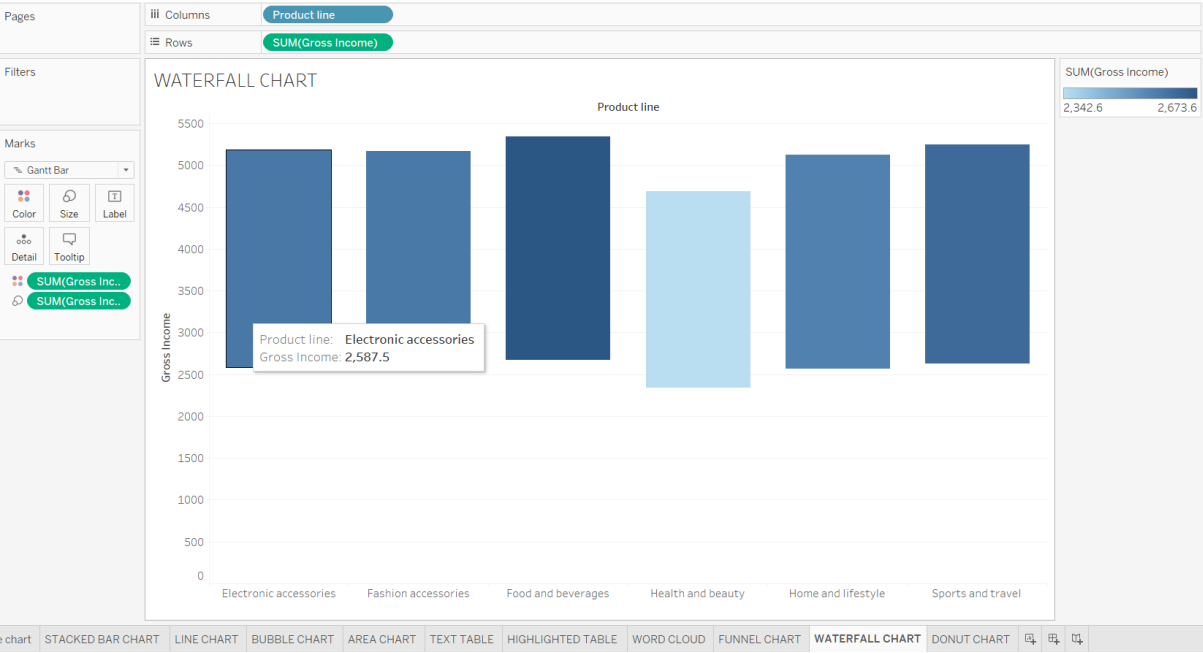## Title: Customer Type Sales Funnel

7. Waterfall Chart

Title: Product Line Sales Contribution

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