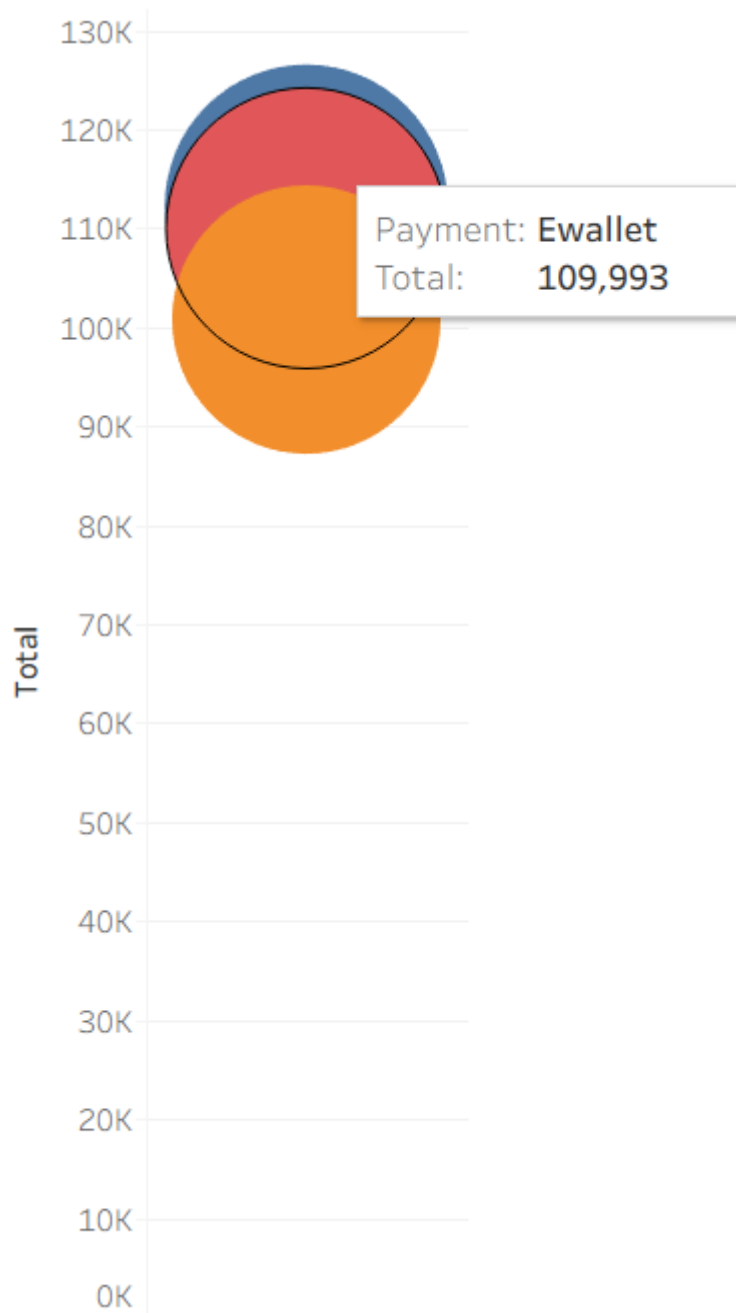# Assignment 2
Supermarket Sales Analysis (Jan–Mar 2019)
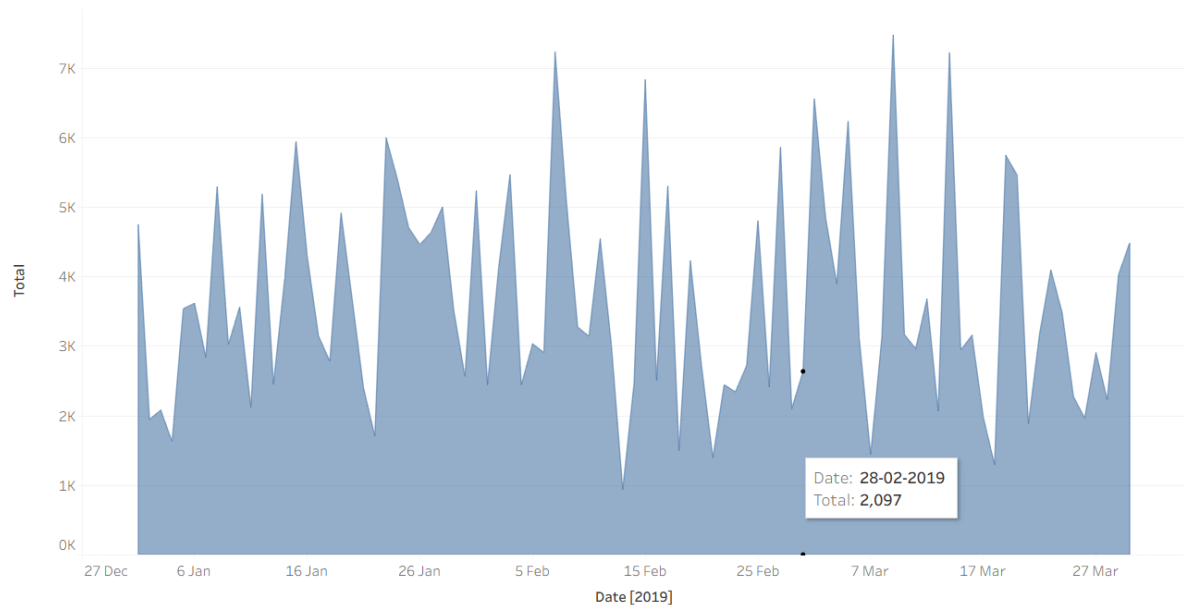
1. Donut Chart

- **Use Case**: Show distribution of sales by *Payment Method* or *Customer Type*.

2. Area Chart

- **Use Case**: Show trend of Total Sales over time.

3. Text Table

- **Use Case**: Display detailed values like *Branch-wise sales*.

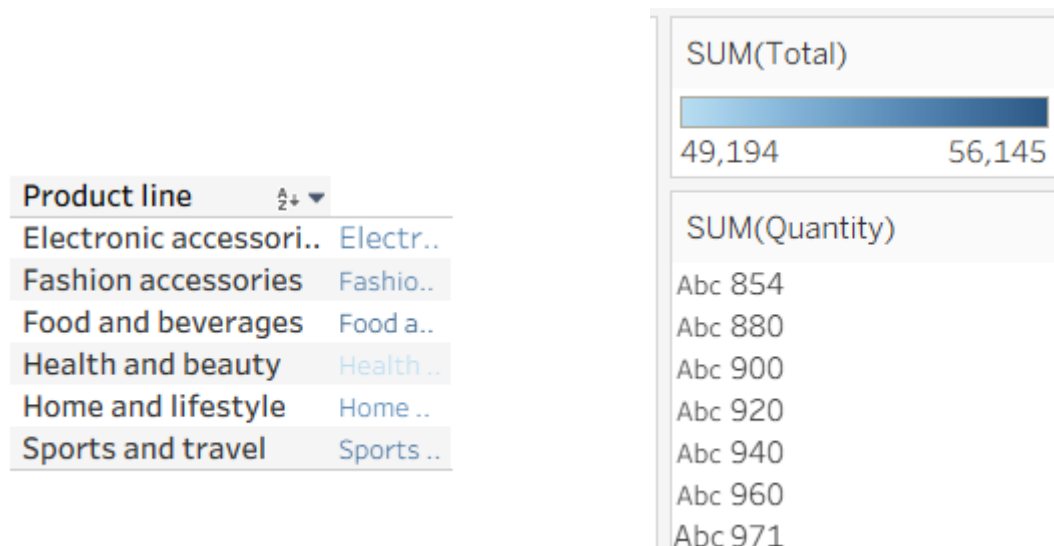| Branch	Product line	
A	Electronic accessori..	18,317
	Fashion accessories	16,333
	Food and beverages	17,163
	Health and beauty	12,598
	Home and lifestyle	22,417
	Sports and travel	19,373
B	Electronic accessori..	17,051
	Fashion accessories	16,413
	Food and beverages	15,215
	Health and beauty	19,981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

4. Highlighted Table

- **Use Case**: Visual emphasis on high or low values (e.g., *Rating by City*).

Product line

City	Electr..	Fashio..	Food a..	Health..	Home ..	Sports..
Mandalay	17,051	16,413	15,215	19,981	17,549	19,988
Naypyitaw	18,969	21,560	23,767	16,615	13,896	15,762
Yangon	18,317	16,333	17,163	12,598	22,417	19,373

5. WordCloud

- **Use Case**: Visual frequency of product lines or customer types.

Product line		SUM(Total)	
		49,194	56,145

Product line		SUM(Quantity)
Electronic accessori..	Electr..	Abc 854
Fashion accessories	Fashio..	Abc 880
Food and beverages	Food a..	Abc 900
Health and beauty	Health ..	Abc 920
Home and lifestyle	Home ..	Abc 940
Sports and travel	Sports ..	Abc 960
		Abc 971

6. Funnel Chart

- **Use Case**: Show customer movement or sales quantity by stage (e.g., by Product Line).

Funnel of Sales by Product Line

Product line	Total
Electronic accessories	54,33
Food and beverages	56,145
Sports and travel	55,123
Home and lifestyle	53,862
Fashion accessories	54,306
Health and beauty	49,194

Product line: **Home and lifestyle**
Quantity: **911**
Total: **53,862**
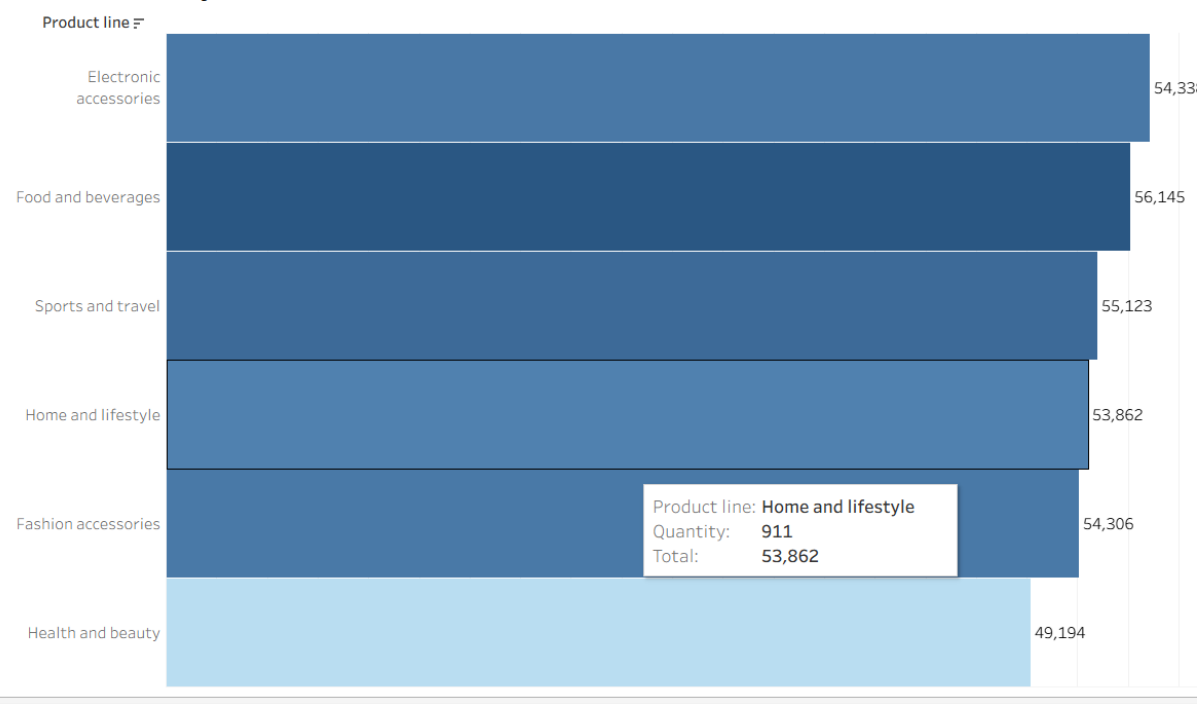
7. Waterfall Chart

- **Use Case: Show cumulative effect of sales over time or per branch.**

Waterfall of Sales by Branch

Branch

Total

106,200 212,398 322,967

200K

150K

100K

50K

0K

Branch:	B
Total:	106,198
Running Total of Sales:	212,398
Sales Difference:	106,198

322,967

400K

Running Total of Sales

212,398

300K

106,200

200K

100K

0K

A   B   C