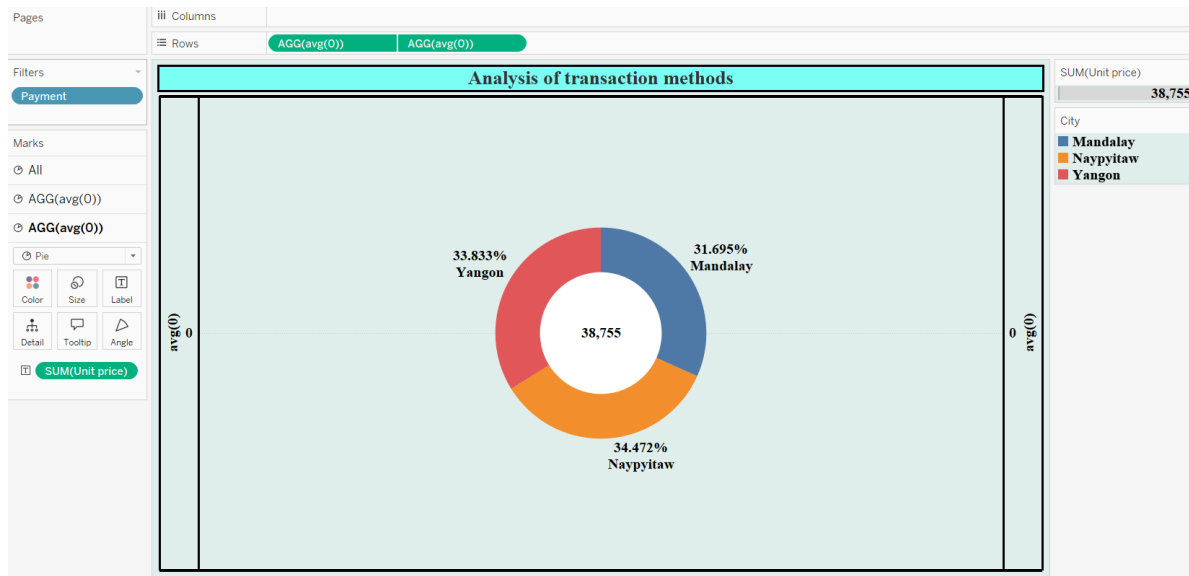**Name: R.K.C Manoj**

Rollno:22481A5495

Course: Data Analytics with tableau

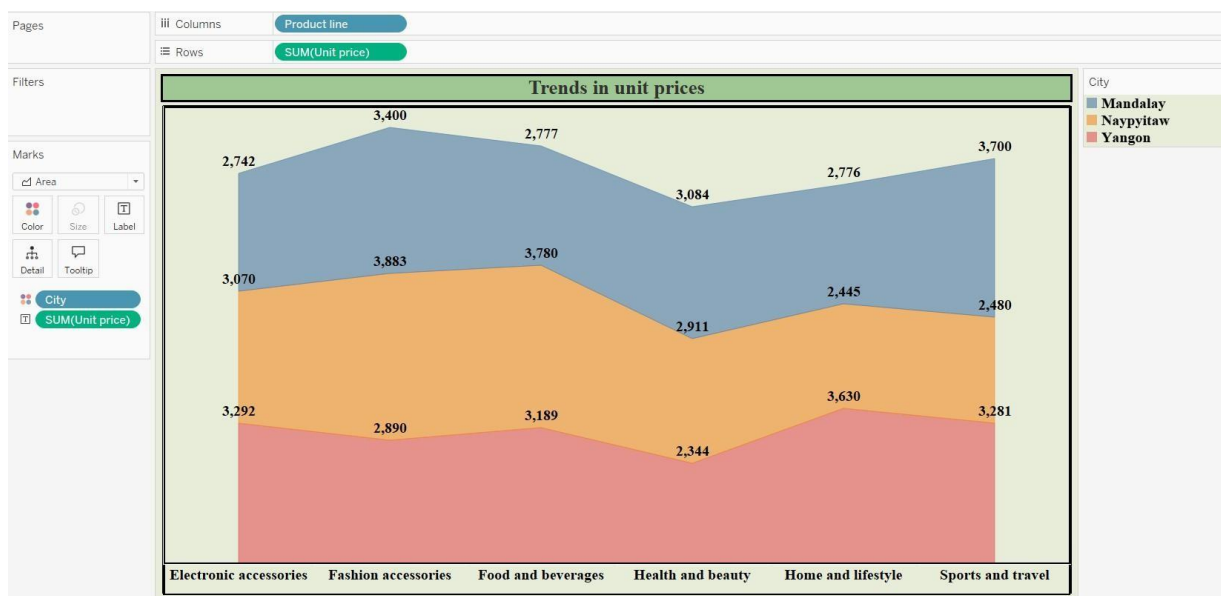**Assignment:2**

Assignment -2

Supermarket Sales Data Analysis Report – Tableau Visualizations

- ### Donut chart

The graph illustrates the distribution of transaction methods across three cities, with Yangon at 33.83%, Naypyitaw at 34.47%, and Mandalay at 31.69%, totaling 38,755 transactions

- ### Area Chart

The area graph illustrates the trends in unit prices across different product categories in three cities: Mandalay, Naypyitaw, and Yangon, highlighting variations and fluctuations in prices for electronic accessories, fashion accessories, food and beverages, health and beauty, home and lifestyle, and sports and travel.

- ## Text Table

Branch	City	Gender	Electronic accessories	Fashion accessories	Food and beverages	Health and beauty	Home and lifestyle	Sports and travel
A	Yangon	Female	9,966	9,836	7,000	5,715	12,637	8,115
		Male	8,351	6,496	10,163	6,883	9,780	11,258
B	Mandalay	Female	8,167	9,081	10,510	6,400	9,557	9,213
		Male	8,885	7,332	4,705	13,580	7,992	10,775
C	Naypyitaw	Female	8,969	11,520	15,661	6,446	7,843	11,247
		Male	10,000	10,040	8,106	10,170	6,053	4,515

The graph displays sales figures for various product categories by gender across three branches (Yangon, Mandalay, Naypyitaw).
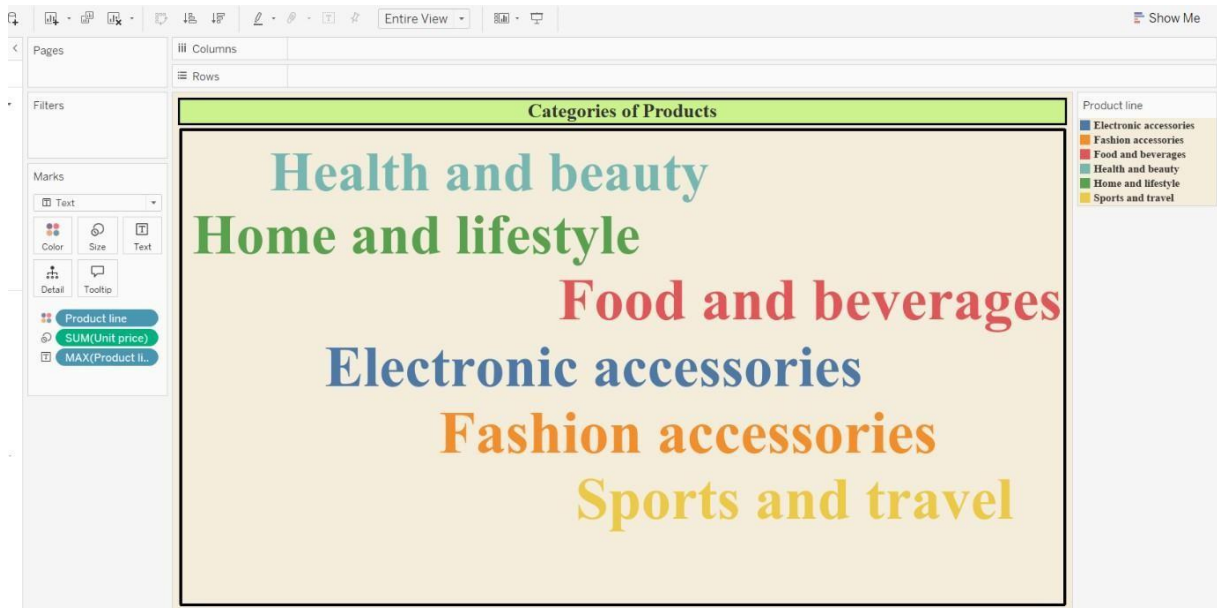
- ## Highlighted Table

Branch analysis : Insights from different branches

SUM(Total)
2,656 11,348

| Branch	City	Payment	Electronic acces..	Fashion accesso..	Food and bever..	Health and beau..	Home and lifest..	Sports and travel
A	Yangon	Cash	4,166	4,288	5,207	4,077	9,792	6,251
		Credit card	7,633	5,245	6,205	3,365	4,812	5,834
		Ewallet	6,518	6,800	5,751	5,155	7,813	7,287
B	Mandalay	Cash	6,917	5,657	2,656	7,728	4,441	7,941
		Credit card	4,994	6,029	8,575	6,198	5,378	6,170
		Ewallet	5,140	4,727	3,984	6,055	7,730	5,877
C	Naypyitaw	Cash	9,647	7,669	11,348	5,384	4,356	4,681
		Credit card	2,801	6,060	5,455	6,406	3,793	5,812
		Ewallet	6,521	7,831	6,963	4,825	5,746	5,269

The Naypyitaw branch has the highest total sales of 11,348, significantly outperforming other branches in various product categories.

- ## Word Cloud

Product Categories: The graph showcases various categories of products including: Food and Beverages, Health and Beauty, Home and Lifestyle, Electronic Accessories, Fashion Accessories, Sports and Travel. Each category is highlighted with varying prominence, indicating their relative significance in terms of unit price or sales.

- ## Funnel Chart
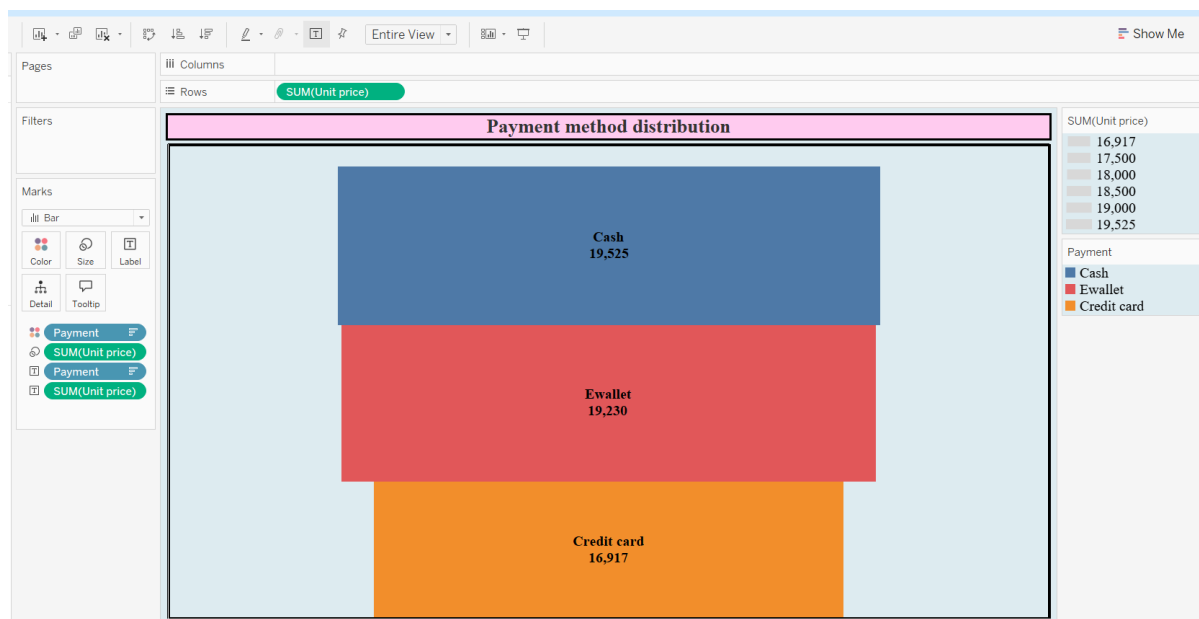
The distribution of payment methods shows that cash (19,525) is the most commonly used method, followed by e-wallet (19,230), and credit cards (16,917) being the least utilized.

- ## Waterfall Chart
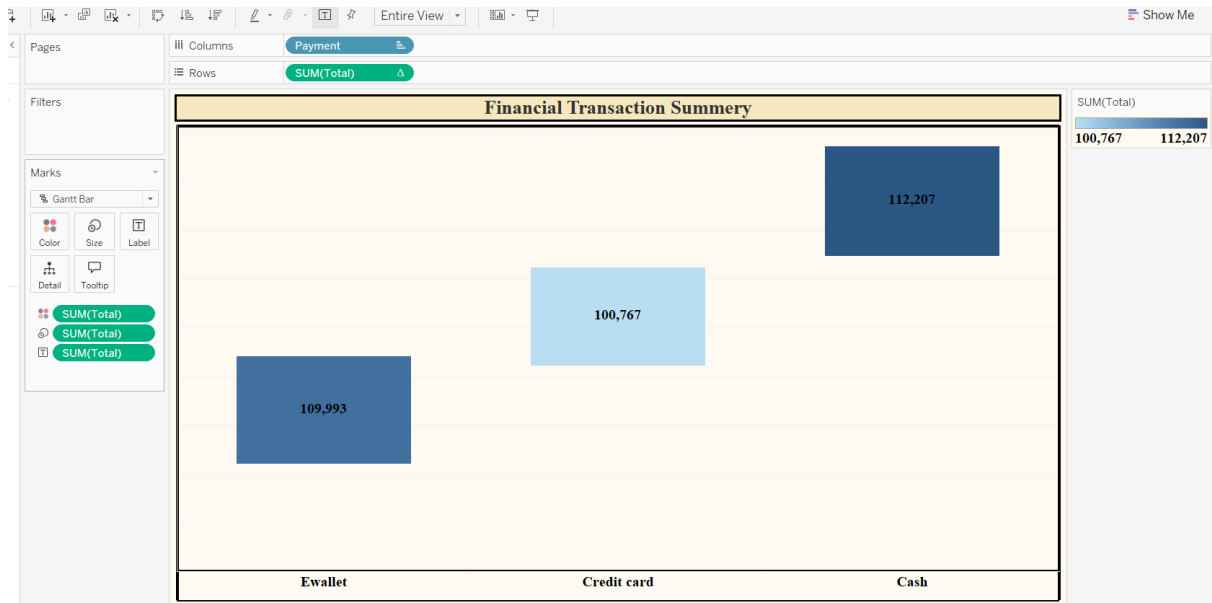
The total financial transactions are displayed across three payment methods: Ewallet (109,993), Credit Card (100,767), and Cash (112,207), with Cash being the highest.