

Store Data Report

Introduction:

This dataset encompasses sales data from a retail store, featuring a range of attributes including customer demographics (Gender, Age Group), transaction details (OrderID, Status), product specifics (Category, SKU), and shipping information. With a focus on understanding customer behaviour and product trends, our analysis aims to uncover patterns, preferences, and correlations within the data. By leveraging these insights, businesses can optimize marketing efforts, enhance inventory management, and improve customer satisfaction.

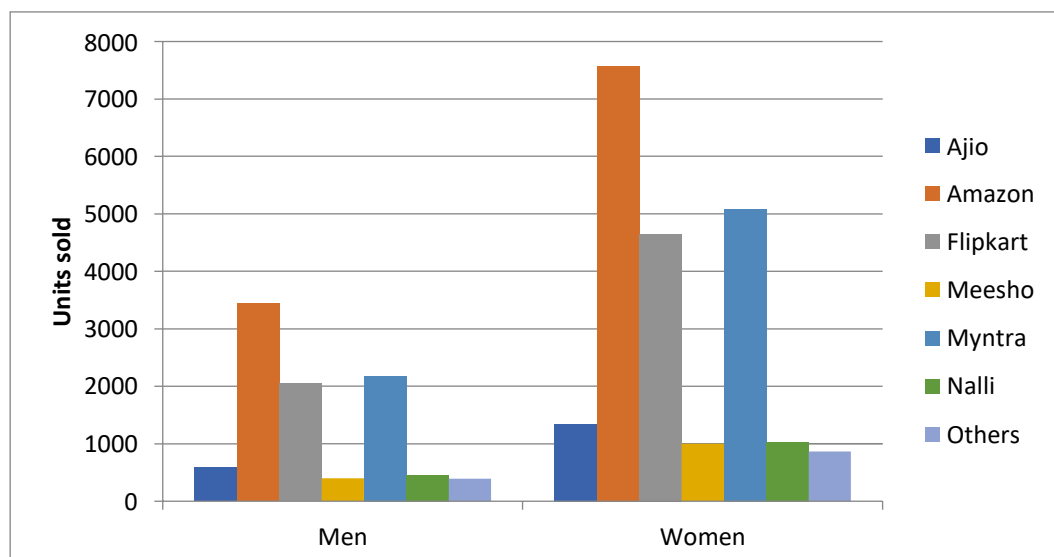
Questionnaire:

1. which of the channel performed better than all other channels in compare men & women?
2. Compare category. Find out most sold category above 23 years of age for any gender.
3. Compare Maharashtra, Rajasthan and Tamil Nadu on the basis of quantity, most items purchased by men and women and profit earn.
4. Which city sold most of following categories:
 - a. Kurta
 - b. Set
 - c. Western wears
5. In which month most items sold in any of the state on the basis of category.

Analytics:

1. which of the channel performed better than all other channels in compare men & women?

Ans: Amazon leads in the sales in both men and women category followed by Myntra and Flipkart. Amazon sold almost 3500 units in men category and almost 7500 units in women category.



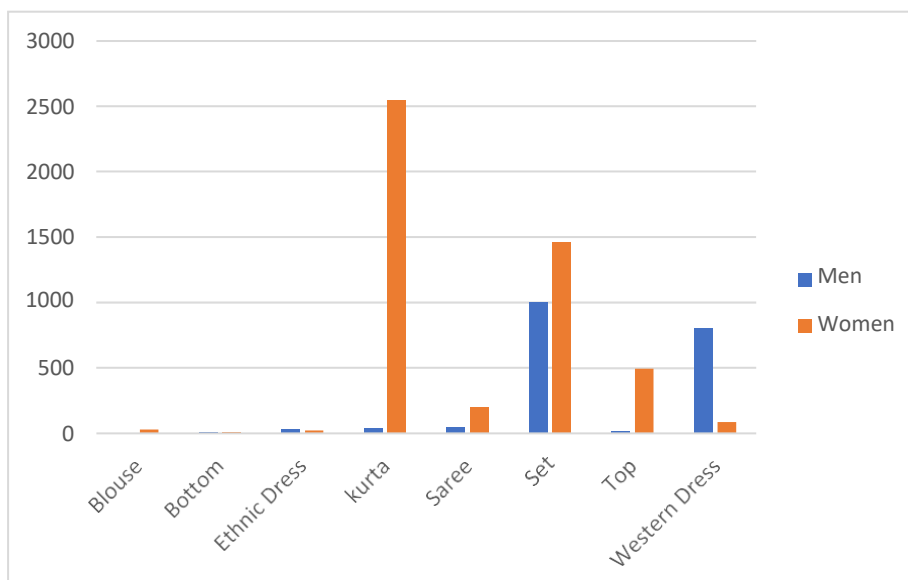
2. Compare category. Find out most sold category above 23 years of age for any gender.

Ans: In the above 23 years of age group Kurta is most sold category in women section with 8820 units sold. Set is most sold category in men section with 4365 units sold also set is the second most sold category in women section.

The table of items sold is given below:

Item	Men	Women	Grand Total
Blouse	6	190	196
Bottom	40	28	68
Ethnic Dress	150	77	227
kurta	156	8820	8976
Saree	261	941	1202
Set	4365	6204	10569
Top	45	1825	1870
Western Dress	3078	380	3458
Grand Total	8101	18465	26566

The graph is as follows:



Age

22

23

24

25

26

27

28

29

3. Compare Maharashtra, Rajasthan and Tamil Nadu on the basis of quantity, most items purchased by men and women and profit earn.

Ans: In Maharashtra: Sales in men category=1390, Sales in women category= 3144

In Tamil Nadu: Sales in men category=686, Sales in women category= 2023

In Rajasthan: Sales in men category=212, Sales in women category=543

State	Men	Women	Grand Total
MAHARASHTRA	1390	3144	4534
RAJASTHAN	212	543	755
TAMIL NADU	686	2023	2709
Grand Total	2288	5710	7998

ship-state

New Delhi

ODISHA

PUDUCHERRY

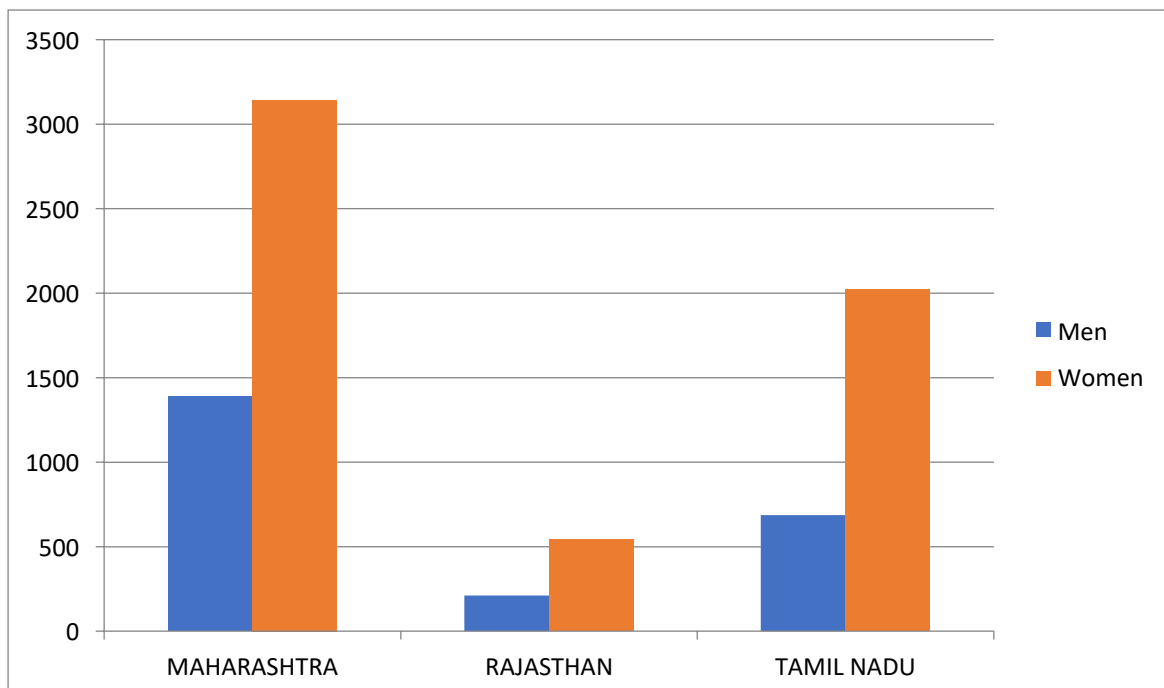
PUNJAB

RAJASTHAN

SIKKIM

TAMIL NADU

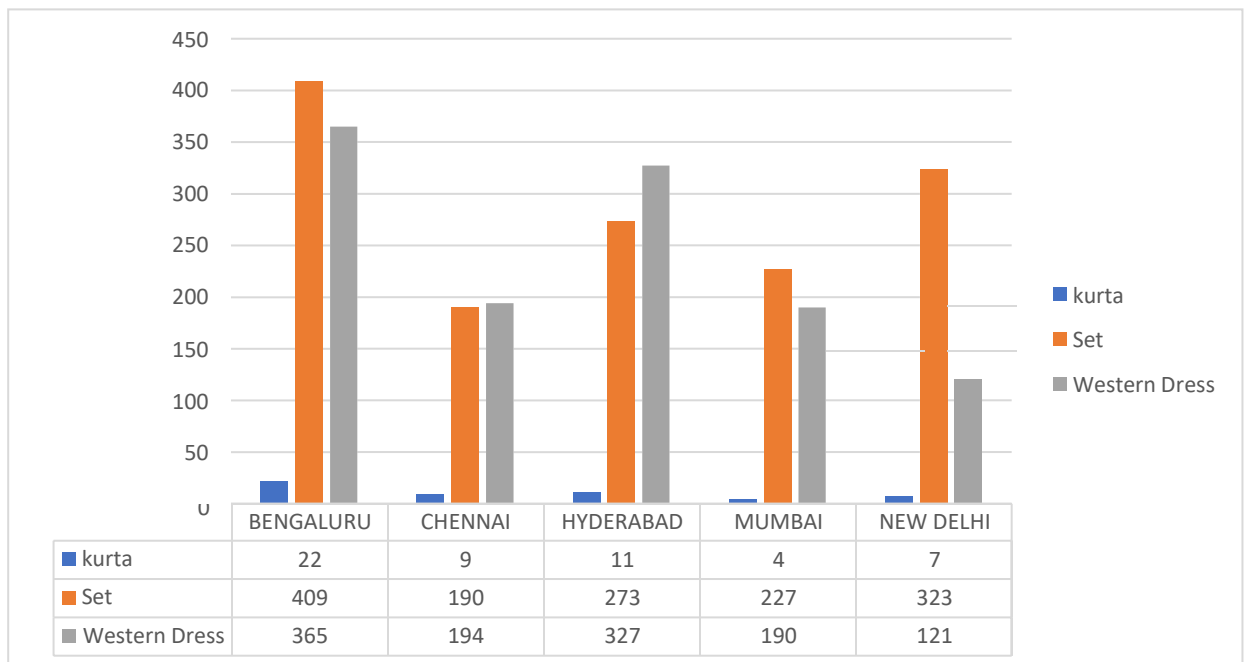
TELANGANA



4. Which city sold most of following categories

- Kurta
- Set
- Western wears

Ans: Bengaluru, Chennai, Hyderabad, Mumbai and New Delhi are the cities sold most of kurtas, Sets and western wears.



City	kurta	Set	Western Dress	Grand Total
BENGALURU	964	938	422	2324
CHENNAI	666	451	217	1334
HYDERABAD	713	687	370	1770
MUMBAI	437	515	207	1159
NEW DELHI	479	792	142	1413
Grand Total	3259	3383	1358	8000

Category

Blouse

Bottom

Ethnic Dress

kurta

Saree

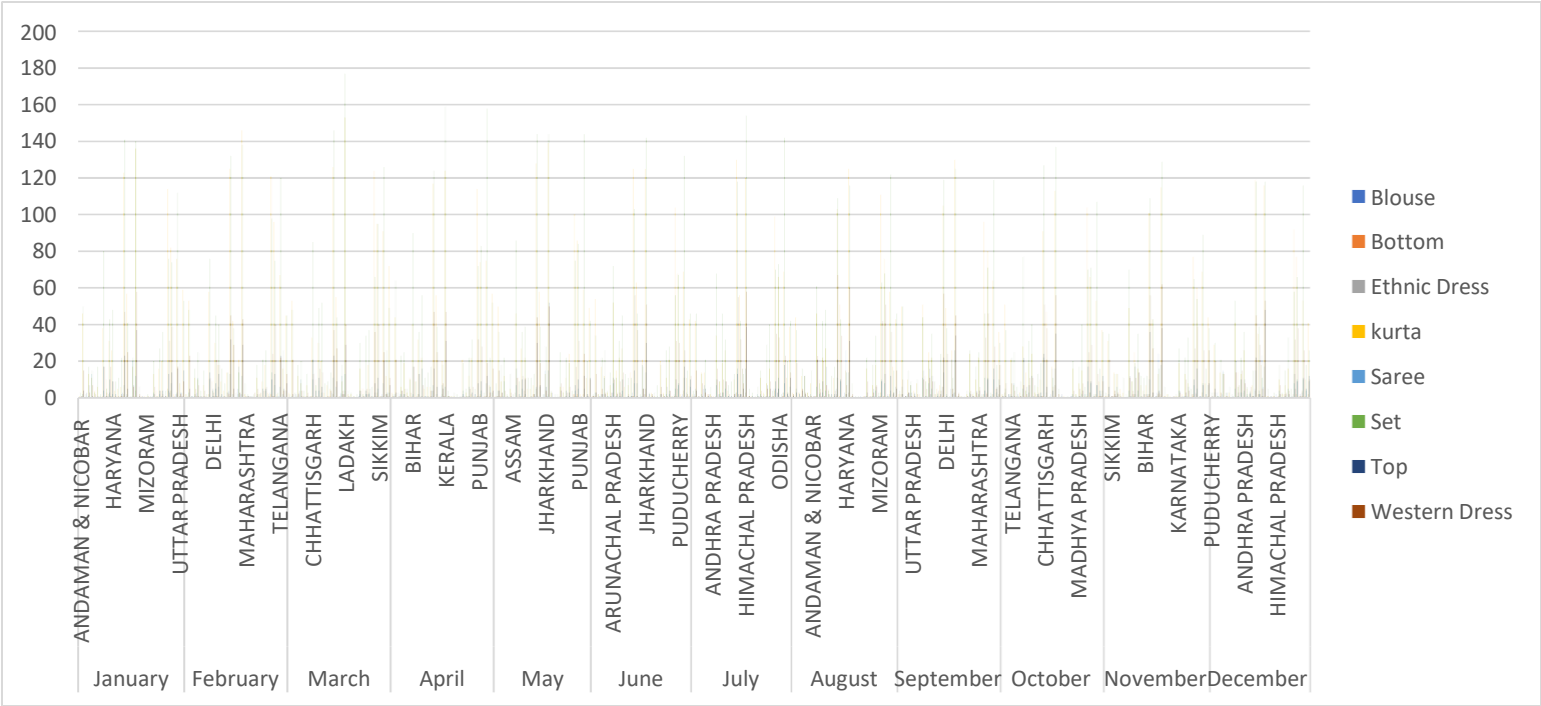
Set

Top

Western Dress

5. In which month most items sold in any of the state on the basis of category.

Ans: The graph for most items sold in any of stats on basis of category is as follows:



Conclusion and Review:

After thorough analysis of the store data, it is evident that there are notable trends and insights to be gleaned. By examining key metrics such as units sold, state wise analytics, geographic, and sales across different stats and products, we can draw valuable conclusions about market demand, sales and overall profitability. This comprehensive understanding will enable informed decision-making to optimize resources, target specific markets, and maximize profits in future store sales endeavours.