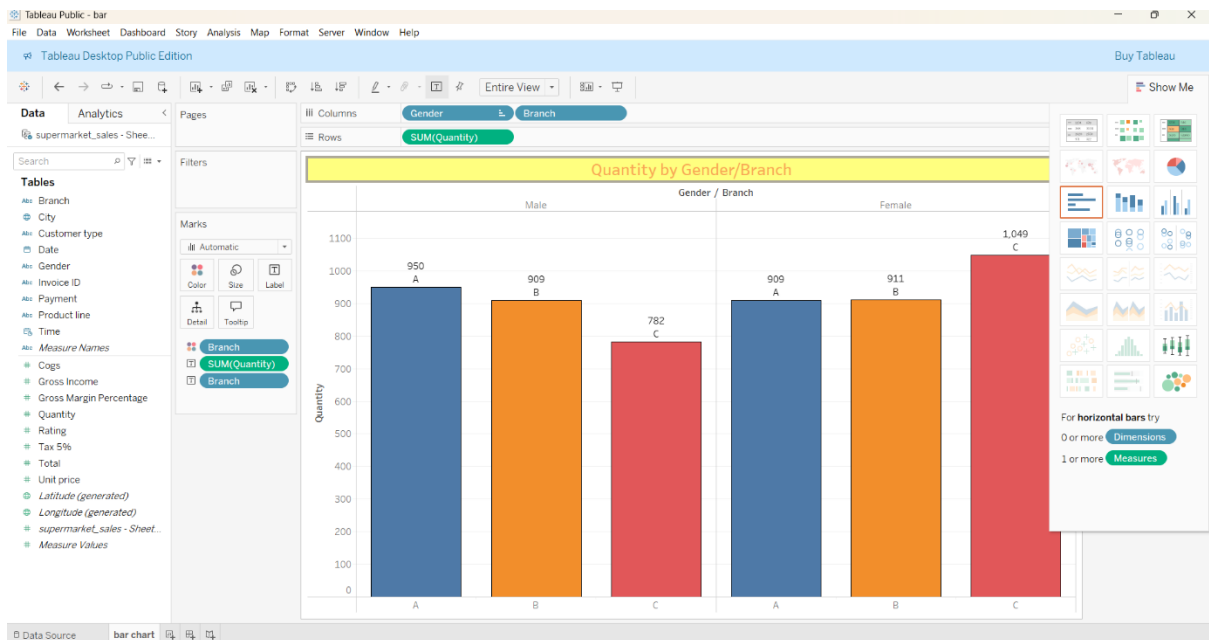


Assignment-1

1.Bar chart



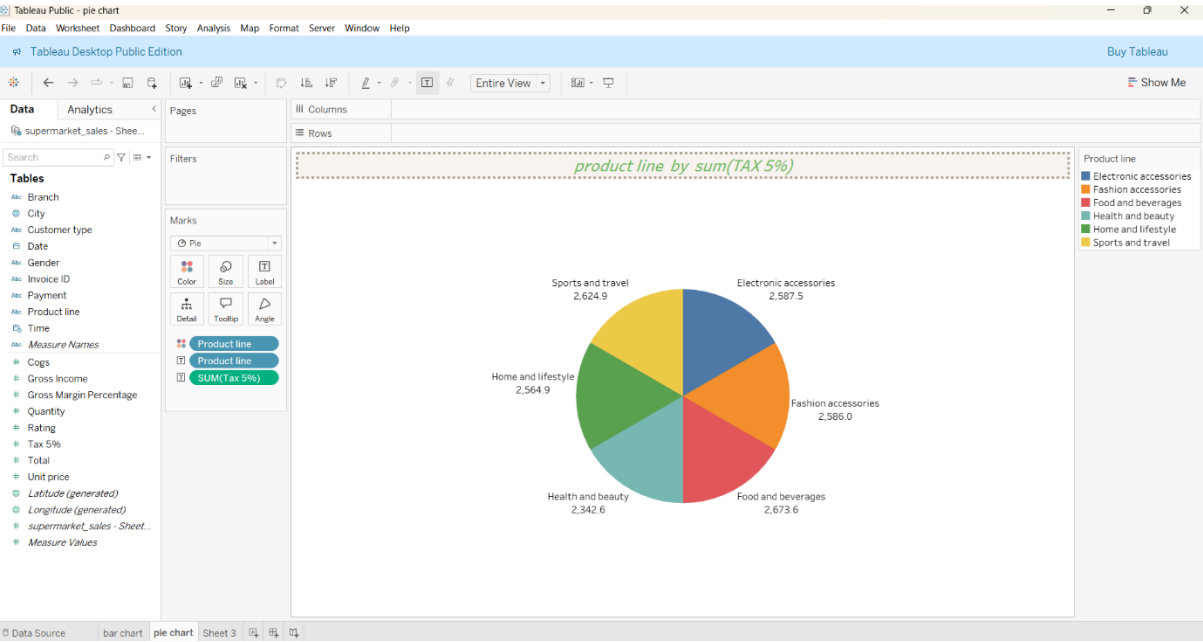
? **Female customers at Branch C have the highest total quantity purchased (1,049 units).**

? **Male customers at Branch C have the lowest quantity (782 units).**

? **Branch B and A show fairly balanced purchases between genders.**

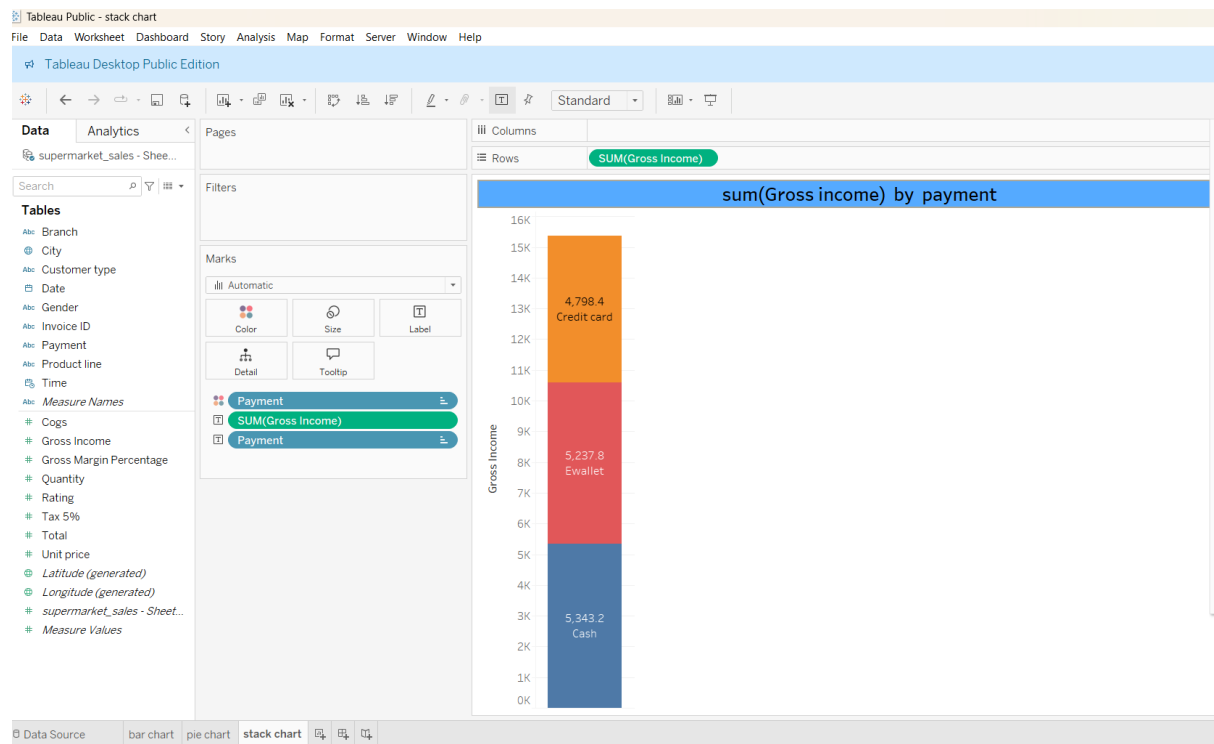
? **This kind of breakdown helps understand branch-wise sales behavior and gender-specific trends in purchasing.**

2.Pie chart:



Product Line	Total Tax (₹)
Food and Beverages	2,673.6
Sports and Travel	2,624.9
Electronic Accessories	2,587.5
Fashion Accessories	2,586.0
Home and Lifestyle	2,564.9
Health and Beauty	2,342.6

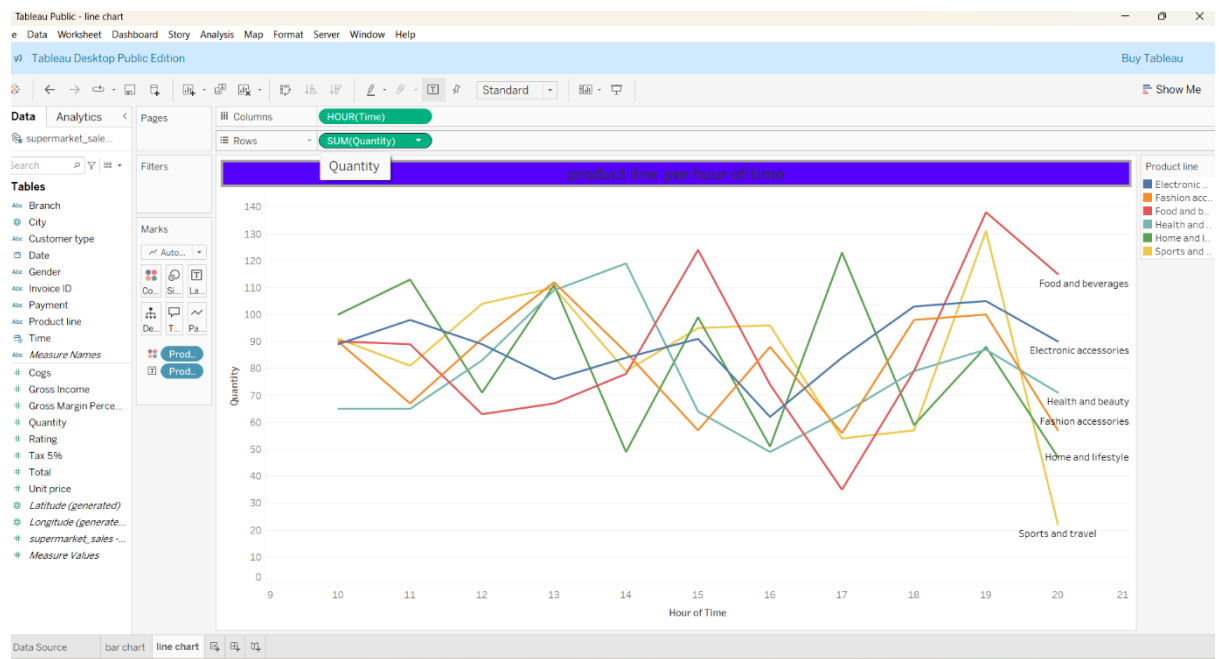
3. stacked bar chart



Payment Method	Gross Income
Cash	5,343.2
Ewallet	5,237.8
Credit Card	4,798.4

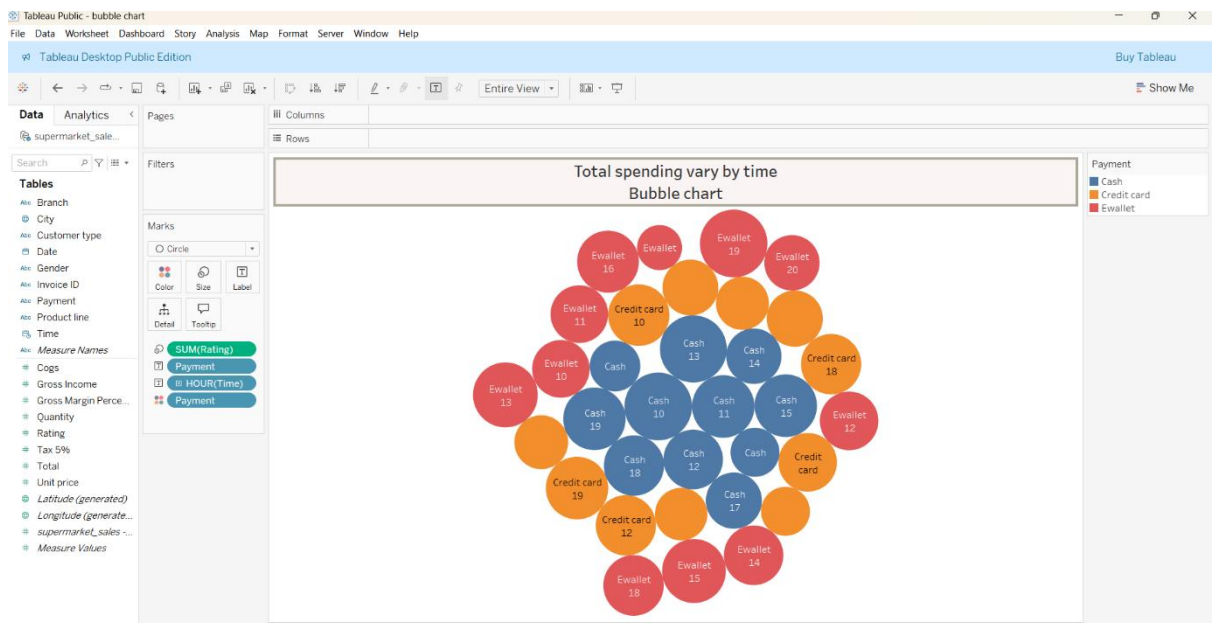
- **Cash** transactions generated the **highest gross income**.
- **Ewallet** transactions follow closely behind.
- **Credit card** income is the lowest among the three, though not by a huge margin.

4. Line chart



- **Food and Beverages** shows a peak in quantity sold around **3 PM to 7 PM**, suggesting high customer traffic in the evening.
- **Electronic Accessories** and **Health & Beauty** maintain steady performance throughout the day.
- **Sports and Travel** sees sharp fluctuations, with a steep decline after 8 PM.
- **Fashion Accessories** and **Home and Lifestyle** follow moderate, less volatile trends.

5. Bubble chart:



payment Method High Ratings Observed

Ewallet 19, 20 – customers using Ewallet gave higher ratings in those hours.

Cash consistent ratings from 10 to 18.

Credit Card Has some moderate-to-high ratings (e.g., 18, 19), but less frequent.