DA Assignment - 2

The growth of supermarkets in most populated cities is increasing and market competitions are also high. The dataset is one of the historical sales of supermarket company which has recorded in 3 different branches for 3 months data.

Attribute information

Invoice id: Computer-generated sales slip invoice identification number

Branch: Branch of supercenter (3 branches are available identified by A, B and C).

City: Location of supercenters

Customer type: Type of customers, recorded by Members for customers using member

cards and Normal for those without member cards.

Gender: Gender type of customer

Product line: General item categorization groups - Electronic accessories, Fashion accessories,

Food and beverages, Health and beauty, Home and lifestyle, Sports and

travel

Unit price: The price of each product in $

Quantity: Number of products purchased by the customer

Tax: 5% tax fee for customers buying

Total: Total price including tax

Date: Date of purchase (Record available from January 2019 to March 2019)

Time: Purchase time (10 am to 9 pm)

Payment: Payment used by the customer for the purchase (3 methods are available –

Cash, Credit card and Ewallet)

COGS: Cost of goods sold

Gross margin percentage: Gross margin percentage

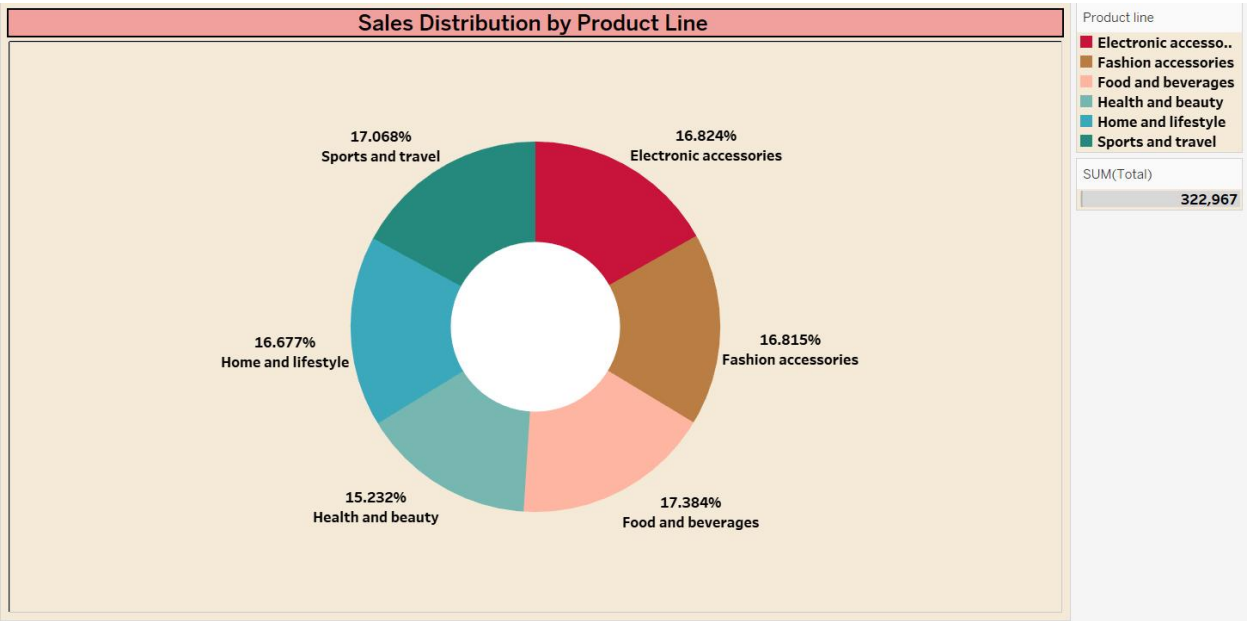
Gross income: Gross income

Rating: Customer stratification rating on their experience (scale of 1 to 10)
Dataset: [Link]

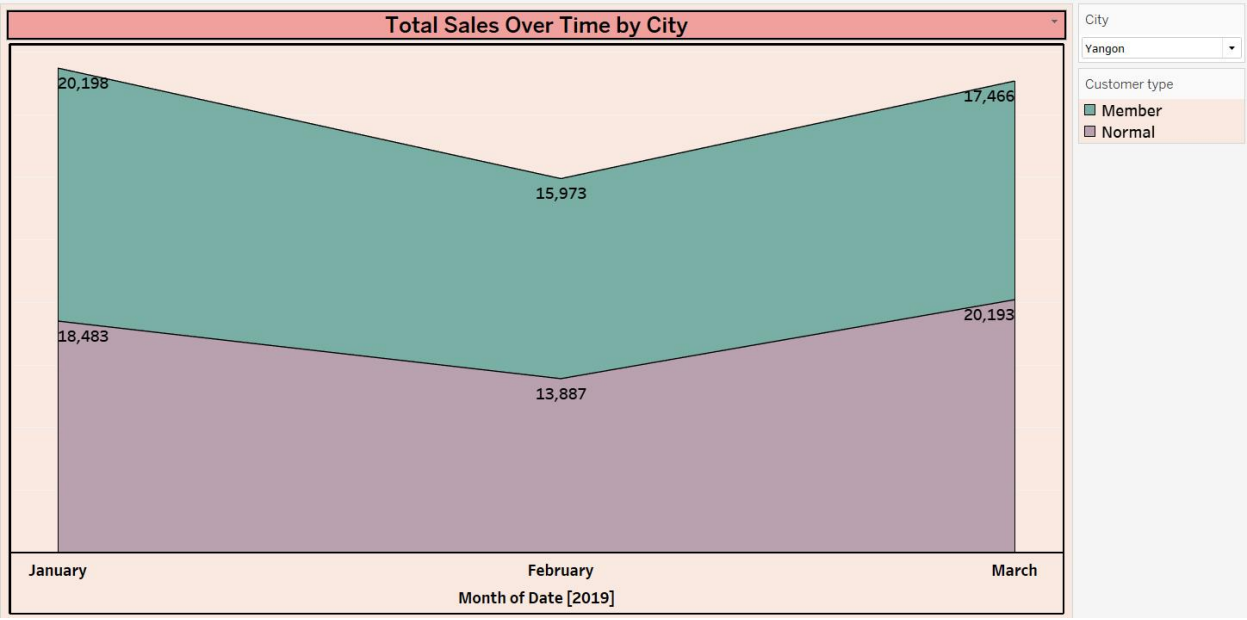
Task:

Create below visualization:

Donut Chart



Area Chart



Text table

	Mandalay	Naypyitaw	Yangon	Grand Total
Electronic accessories	17,051	18,969	18,317	**54,338**
Fashion accessories	16,413	21,560	16,333	**54,306**
Food and beverages	15,215	23,767	17,163	**56,145**
Health and beauty	19,981	16,615	12,598	**49,194**
Home and lifestyle	17,549	13,896	22,417	**53,862**
Sports and travel	19,988	15,762	19,373	**55,123**
Grand Total	**106,198**	**110,569**	**106,200**	**322,967**

Highlighted table

Sales by City and Product Line

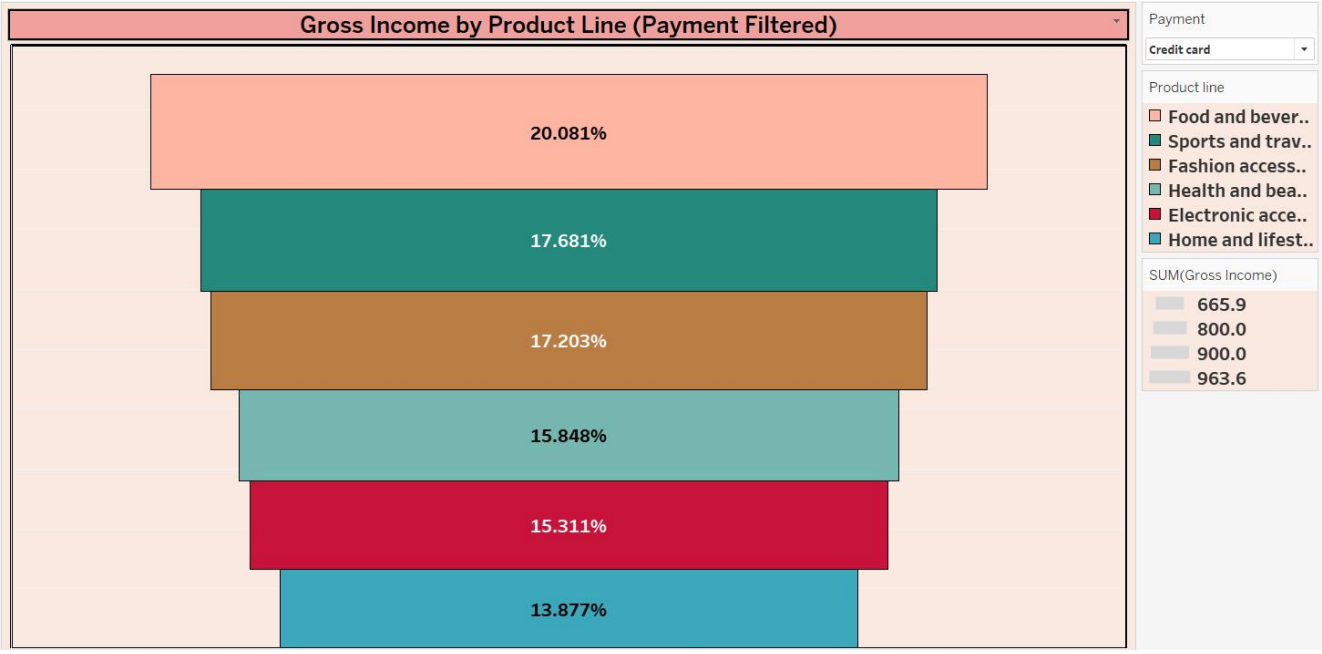
SUM(Total)

12,598 23,767

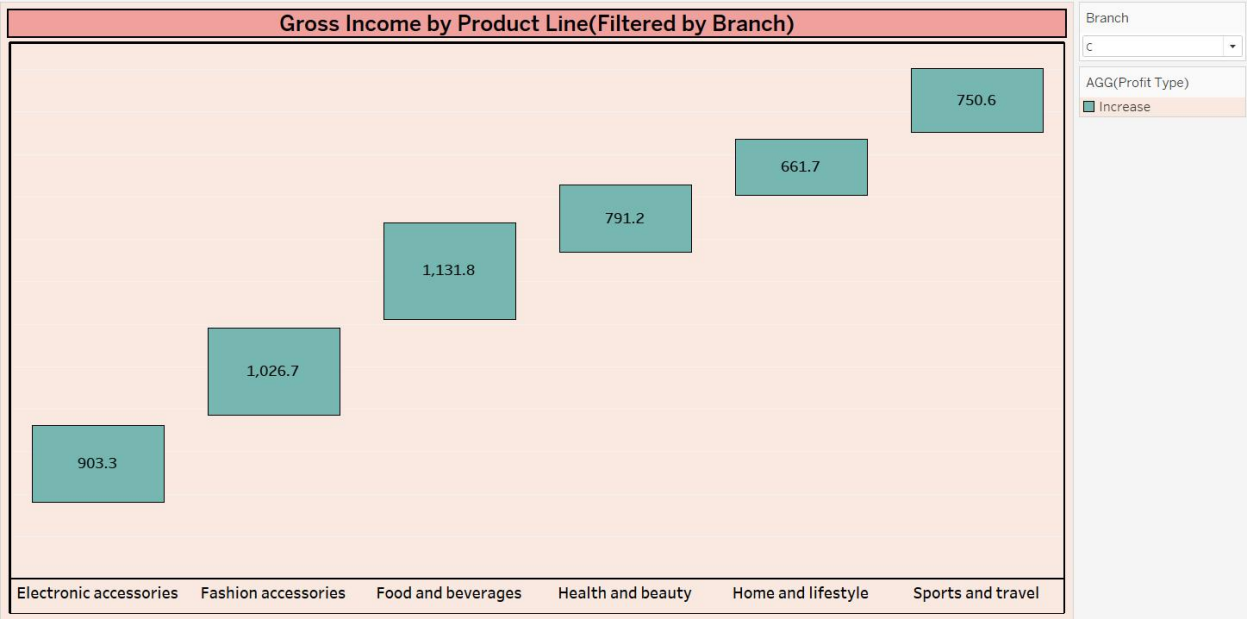
Product line	Mandalay	Naypyitaw	Yangon
Electronic accessories	17,051	18,969	18,317
Fashion accessories	16,413	21,560	16,333
Food and beverages	15,215	23,767	17,163
Health and beauty	19,981	16,615	12,598
Home and lifestyle	17,549	13,896	22,417
Sports and travel	19,988	15,762	19,373

WordCloud

Funnel Chart



Waterfall



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