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:
Upload the dataset to Tableau, delete the unnecessary columns

Create below visualization:

- Donut Chart
- Area Chart
- Text table
- Highlighted table
- WordCloud
- Funnel Chart
- Waterfall

Process To Submit:

Take Screenshot of Visualization and paste them in Doc > Save it as pdf and Submit the pdf file.

Sheet 1

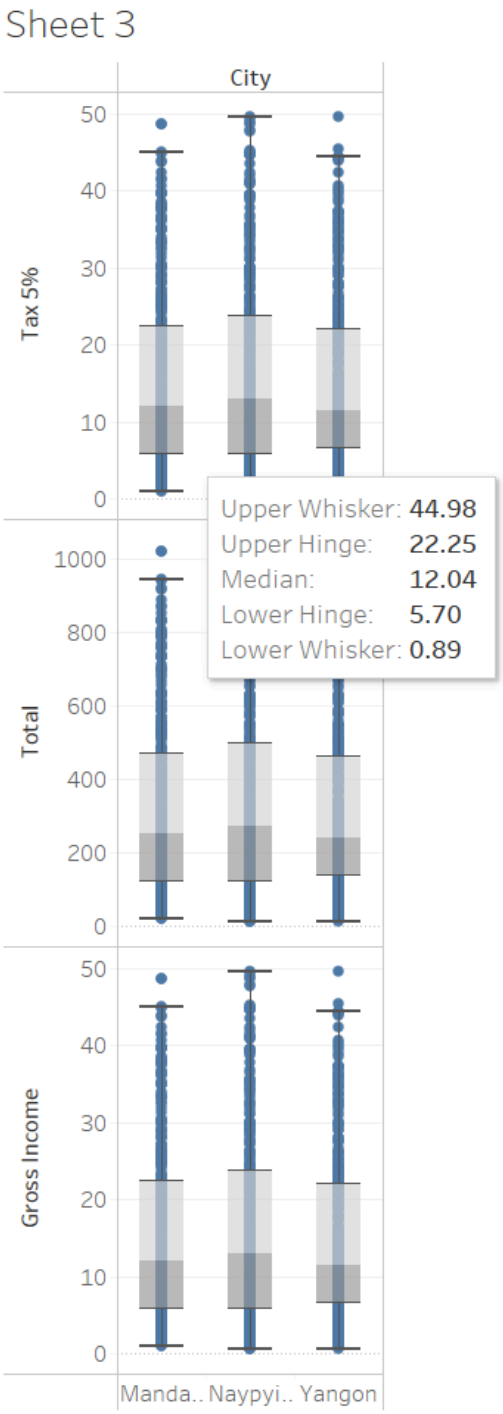
Payment	Invoice ID	Product line	Date	Gross..	Rating	Tax 5%	Total
Cash	102-06-2002	Sports and travel	3/20/2019	5	6	6	133
	106-35-6779	Home and lifestyle	3/27/2019	5	6	4	93
	110-48-7033	Fashion accessories	1/29/2019	5	9	7	137
	114-35-5271	Electronic accessori..	02-07-2019	5	8	23	486
	118-62-1812	Home and lifestyle	3/24/2019	5	8	16	329
	120-06-4233	Electronic accessori..	03-12-2019	5	9	9	193
	122-61-9553	Electronic accessori..	3/14/2019	5	6	23	485
	124-31-1458	Electronic accessori..	01-08-2019	5	7	12	251
	125-45-2293	Fashion accessories	1/19/2019	5	4	30	624
	130-98-8941	Fashion accessories	02-09-2019	5	6	22	472
	131-70-8179	Health and beauty	2/17/2019	5	4	14	290
	132-23-6451	Health and beauty	01-04-2019	5	8	5	110
	132-32-9879	Electronic accessori..	03-09-2019	5	10	19	395
	133-14-7229	Health and beauty	01-01-2019	5	5	6	132
	134-75-2619	Electronic accessori..	3/25/2019	5	7	7	142
	135-13-8269	Food and beverages	1/26/2019	5	9	8	166
	145-94-9061	Food and beverages	1/25/2019	5	10	22	464
	148-41-7930	Health and beauty	1/23/2019	5	6	35	735
	149-14-0304	Health and beauty	02-06-2019	5	7	11	239
	149-71-6266	Sports and travel	1/28/2019	5	5	35	738
	150-89-8043	Sports and travel	2/14/2019	5	6	7	141
	162-48-8011	Food and beverages	02-10-2019	5	9	11	234
	162-65-8559	Food and beverages	1/21/2019	5	5	3	72
	163-56-7055	Fashion accessories	3/26/2019	5	4	2	51
	166-19-2553	Sports and travel	1/18/2019	5	10	27	561
	173-57-2300	Sports and travel	3/13/2019	5	6	7	153
	173-82-9529	Fashion accessories	1/26/2019	5	10	19	398
	174-36-3675	Food and beverages	2/14/2019	5	5	10	209
	174-75-0888	Electronic accessori..	3/14/2019	5	7	10	204
	181-82-6255	Home and lifestyle	02-08-2019	5	7	5	103
	186-79-9562	Health and beauty	3/29/2019	5	9	25	528
	187-83-5490	Electronic accessori..	1/31/2019	5	5	4	87
	189-40-5216	Electronic accessori..	01-09-2019	5	6	34	708
	189-52-0236	Electronic accessori..	3/14/2019	5	8	35	732
	189-98-2939	Fashion accessories	03-01-2019	5	7	35	742
	191-10-6171	Fashion accessories	1/25/2019	5	8	14	291
	196-01-2849	Fashion accessories	02-10-2019	5	10	26	539
	198-66-9832	Fashion accessories	02-04-2019	5	10	7	151
	198-84-7132	Fashion accessories	01-02-2019	5	7	18	384
	200-16-5952	Food and beverages	1/17/2019	5	6	7	138
	200-40-6154	Home and lifestyle	02-09-2019	5	6	20	415
	201-86-2184	Electronic accessori..	02-02-2019	5	10	9	193
	210-57-1719	Health and beauty	02-05-2019	5	10	26	550

Text table

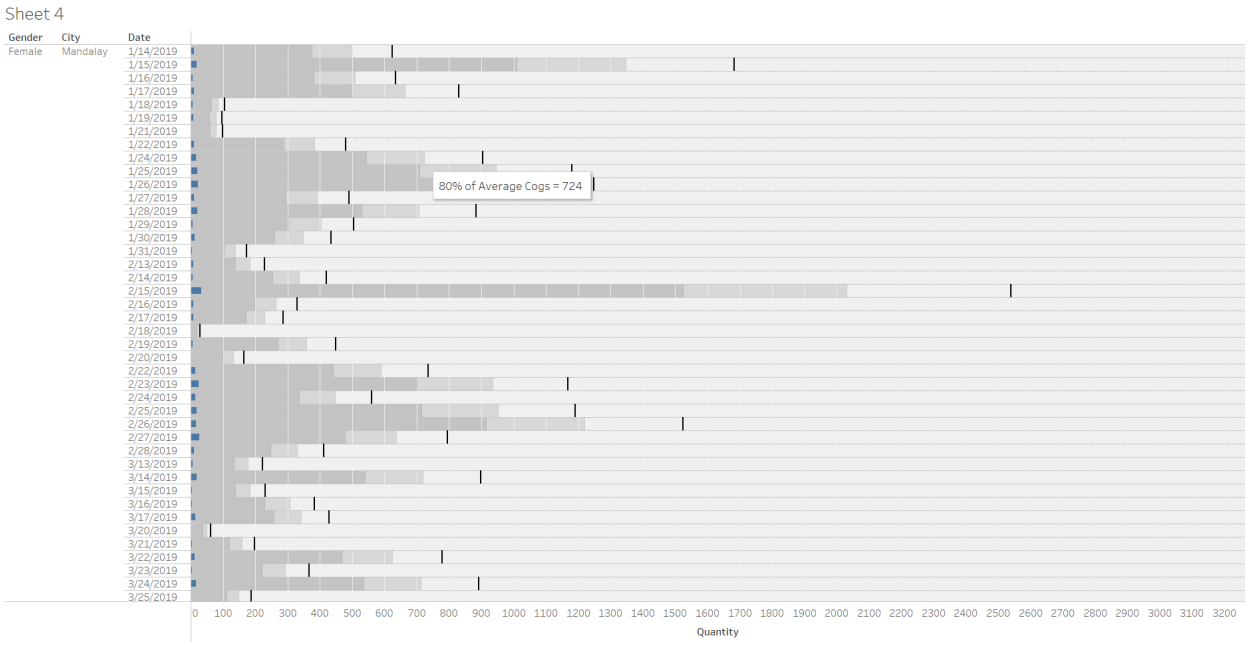
Sheet 2

		Branch / City / Time		
		A	B	C
		Yangon	Manda..	Naypyi..
Gender	Product line	1899	1899	1899
Female	Electronic accessori..	168	156	164
	Fashion accessories	161	177	192
	Food and beverages	114	169	231
	Health and beauty	111	112	120
	Home and lifestyle	199	147	152
	Sports and travel	156	150	190
Male	Electronic accessori..	154	160	169
	Fashion accessories	102	120	150
	Food and beverages	199	101	138
	Health and beauty	146	208	157
	Home and lifestyle	172	148	93
	Sports and travel	177	172	75

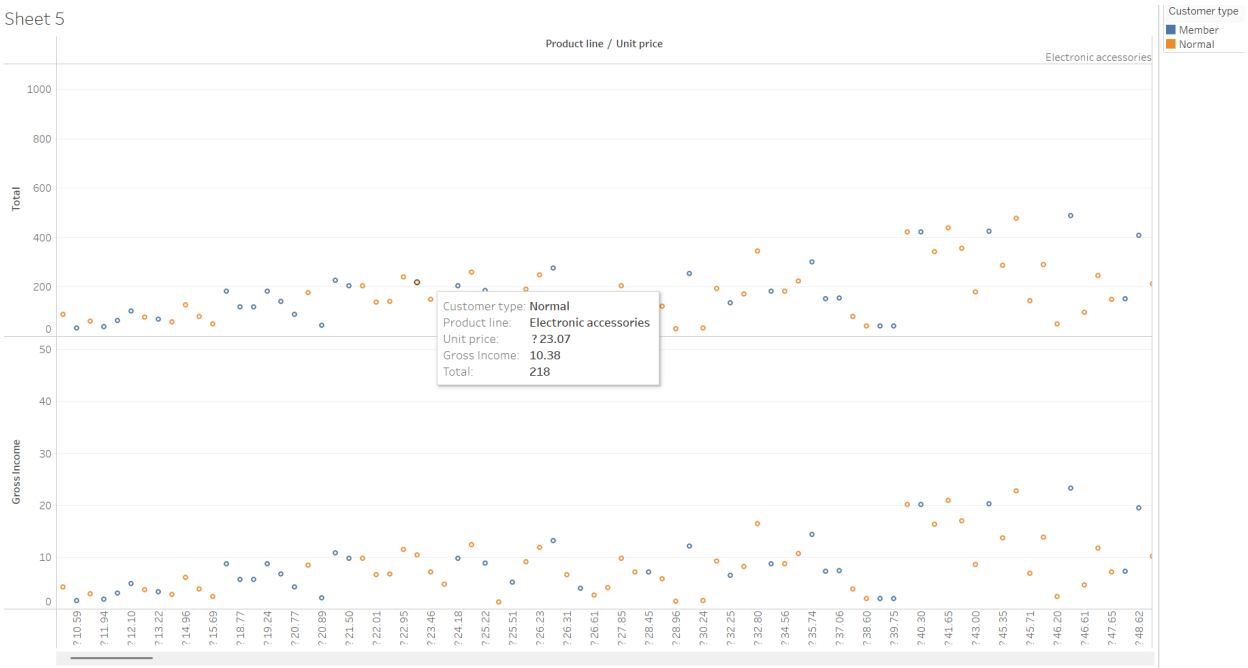
Highlighted table



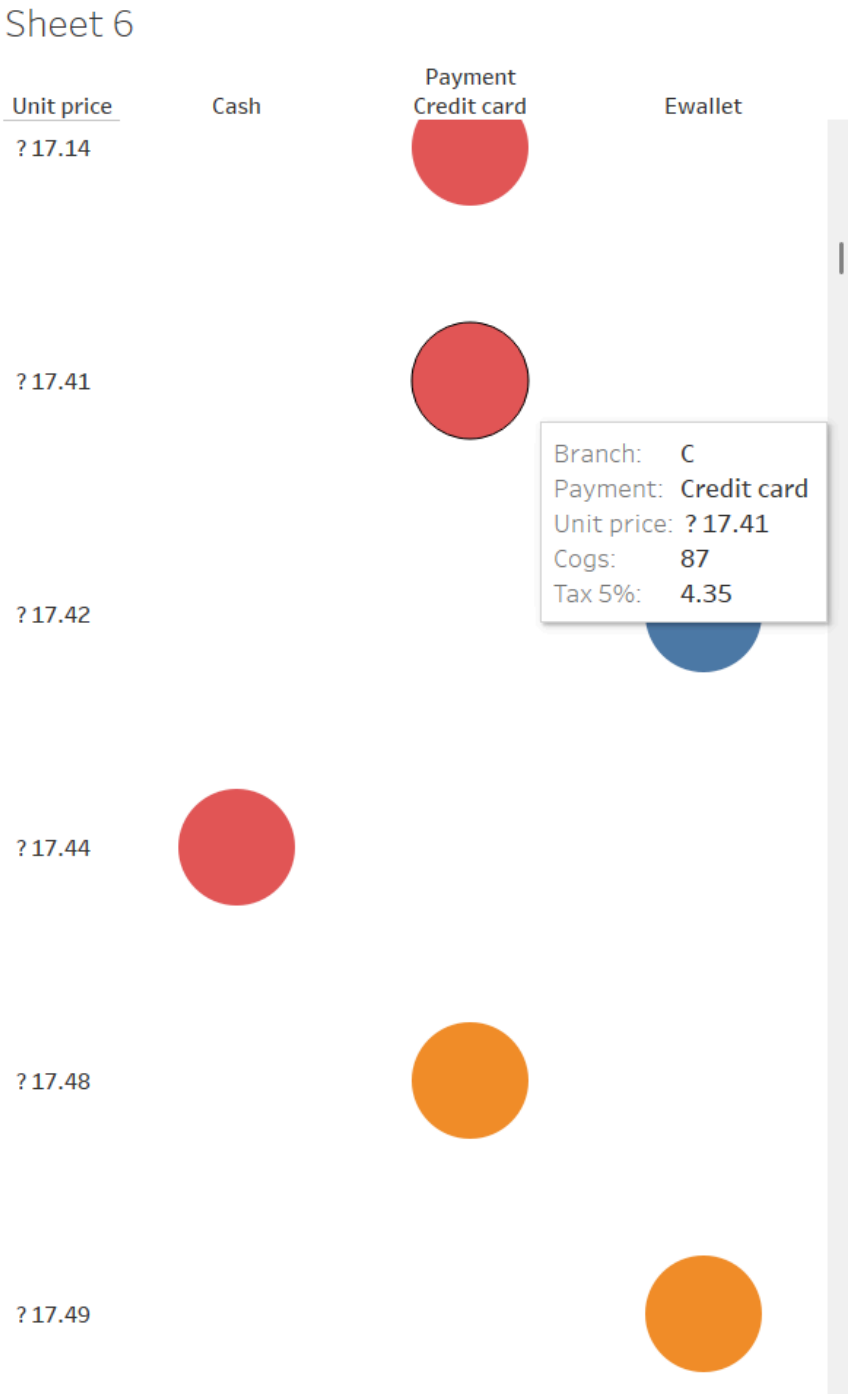
Funnel Chart



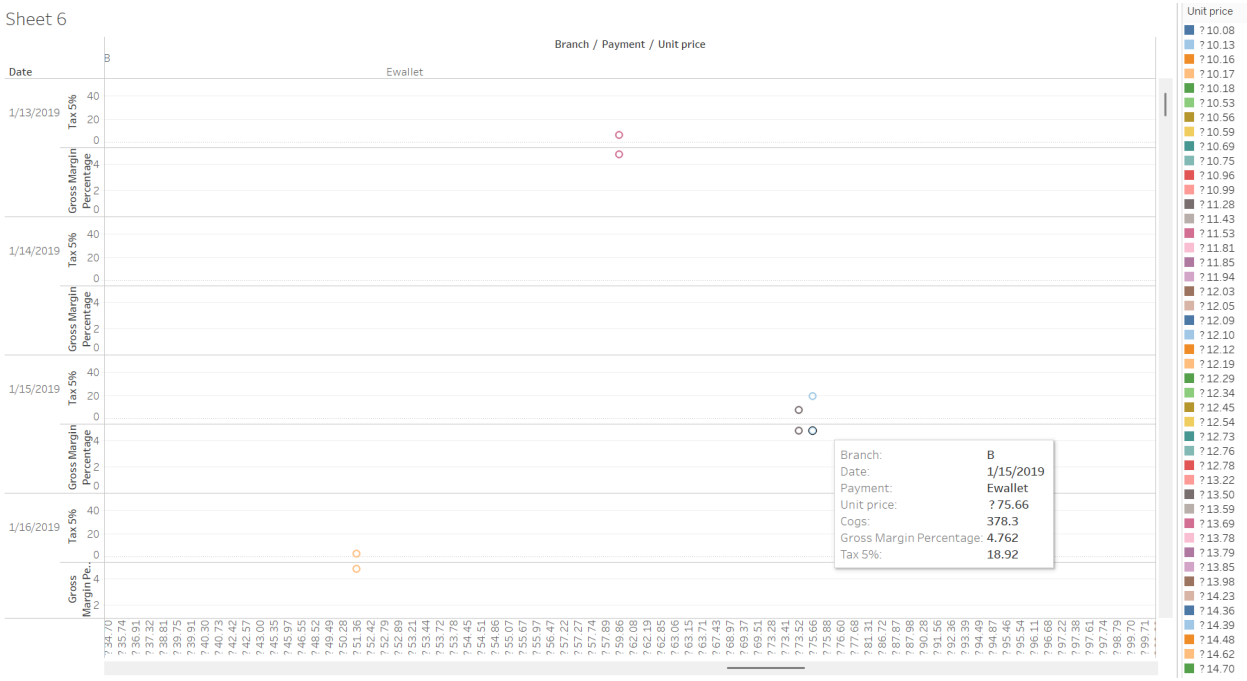
Waterfall



WordCloud


Sheet 6
Unit price
Payment
Cash
Credit card
Ewallet
? 17.14
? 17.41
? 17.42
? 17.44
? 17.48
? 17.49
Branch: C
Payment: Credit card
Unit price: ? 17.41
Cogs: 87
Tax 5%: 4.35

Donut Chart


Sheet 6
Branch / Payment / Unit price
B
Date
Ewallet
1/13/2019
1/14/2019
1/15/2019
1/16/2019
Tax 5%
Gross Margin Percentage
Gross Margin Pe..
Branch: B
Date: 1/15/2019
Payment: Ewallet
Unit price: ?75.66
Cogs: 378.3
Gross Margin Percentage: 4.762
Tax 5%: 18.92
Unit price
?10.08
?10.13
?10.16
?10.17
?10.18
?10.53
?10.56
?10.59
?10.69
?10.75
?10.96
?10.99
?11.28
?11.43
?11.53
?11.81
?11.85
?11.94
?12.03
?12.05
?12.09
?12.10
?12.12
?12.19
?12.29
?12.34
?12.45
?12.54
?12.73
?12.76
?12.78
?13.22
?13.50
?13.59
?13.69
?13.78
?13.79
?13.85
?13.98
?14.23
?14.36
?14.39
?14.48
?14.62
?14.70

Area Chart