VIT CHENNAI

DATA ANALYTICS
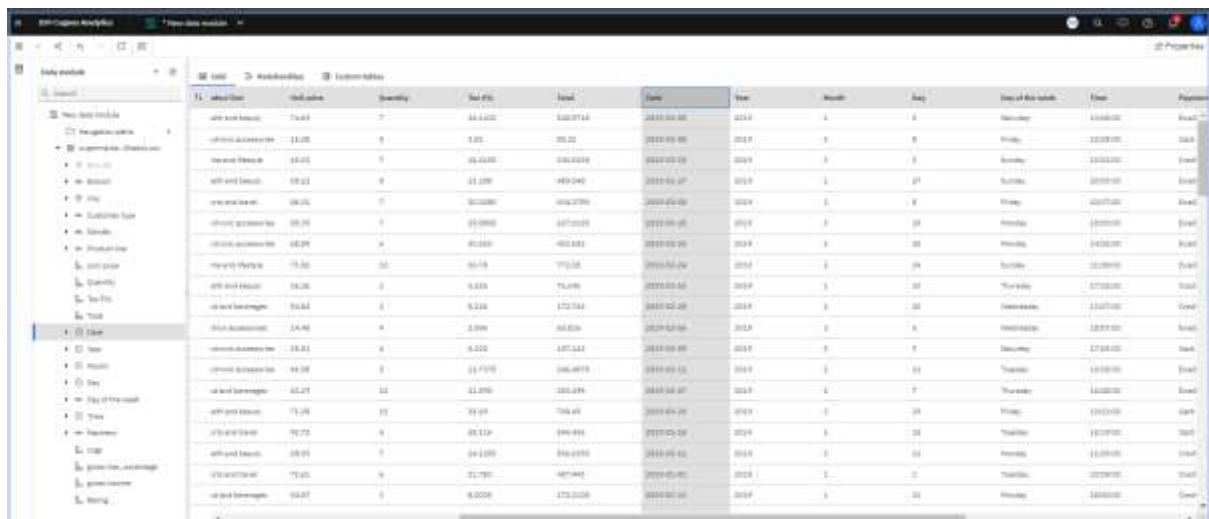
DIGITAL ASSIGNMENT-1

NAME: Santhosh Reddy Irugula   Reg no:21BAI1770

Mail: irugulasanthosh.reddy2021@vitstudent.ac.in
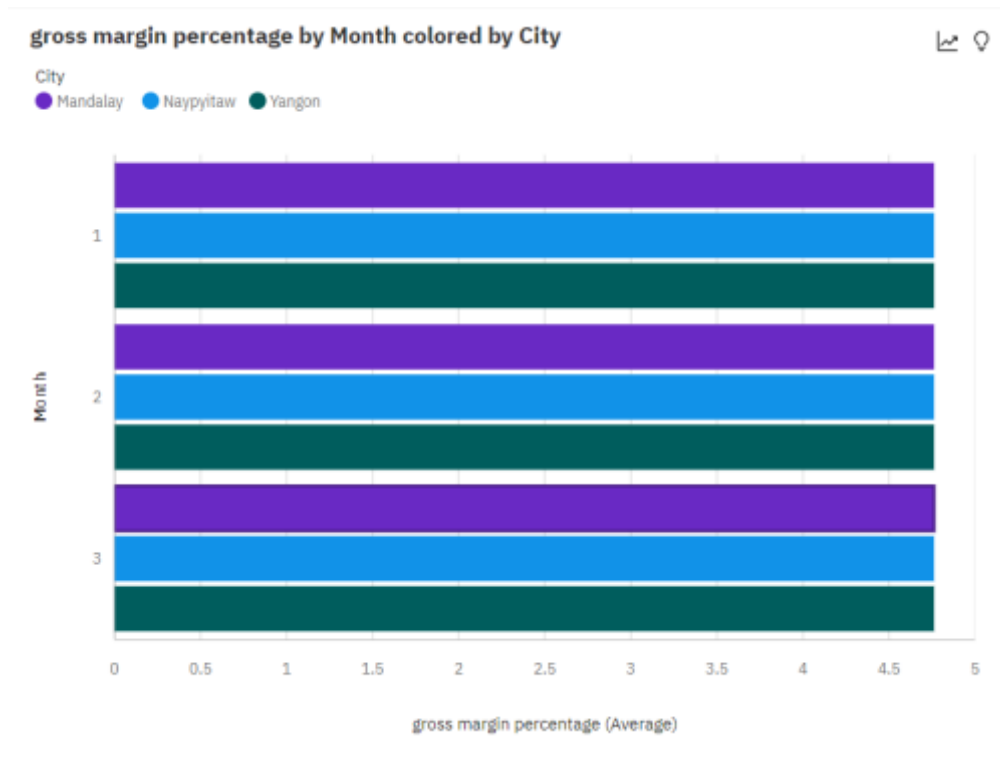
Columns removed: Invoice ID

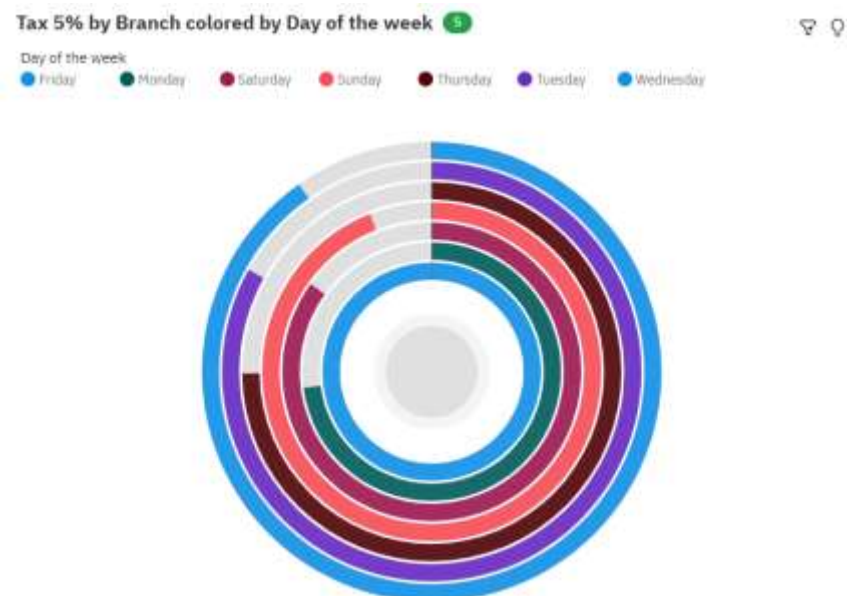**Split:** Date into year, month, date, day of the week

Visualizations:

1. Bar Chart:

gross margin percentage by Month colored by City

City
- Mandalay
- Naypyitaw
- Yangon

2. Radial Bar Chart:

Tax 5% by Branch colored by Day of the week 5

Day of the week
- Friday
- Monday
- Saturday
- Sunday
- Thursday
- Tuesday
- Wednesday

3. Packed bubble Chart:

Day of the week colored by Rating sized by gross income 5

gross income (Ave...   Rating (Average)

14.44   16.2   6.81   7.18

4. Area Chart:

Total by Day of the week colored by Customer type

Customer type
● Member ● Normal

Tuesday	
Total:	51,482.25
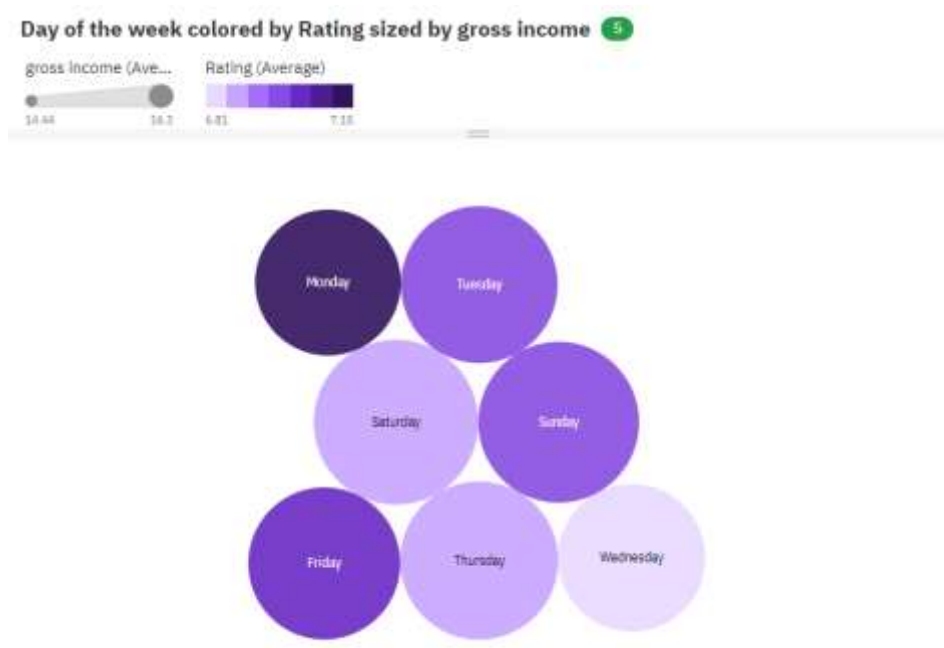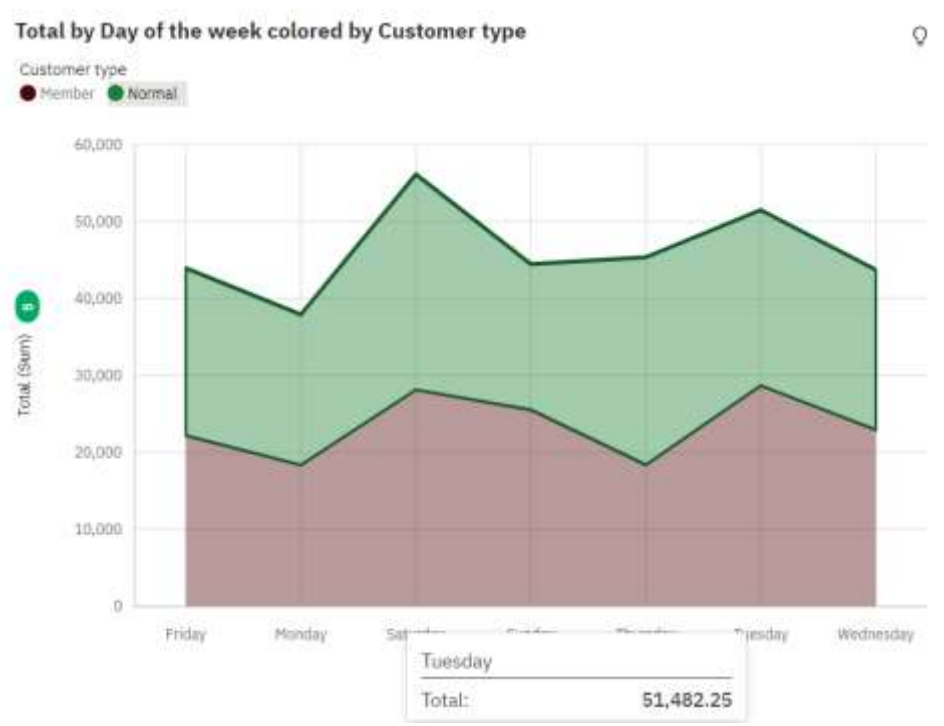
5. Word cloud chart:

6. Stacked column chart:

7. Crosstab Chart:

Total for Customer type and Quantity 10

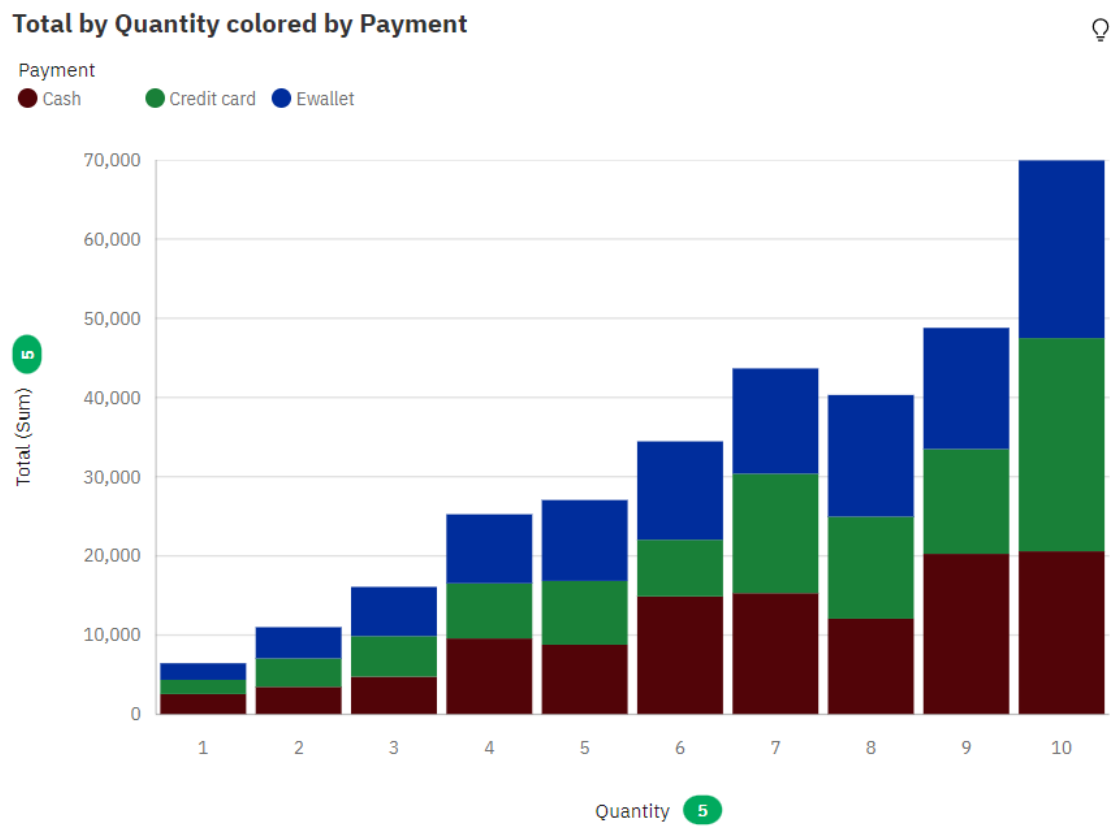| Total	Member	Normal	Summary
1	3,425.76	3,016.59	6,442.35
2	5,000.6	5,994.2	10,994.8
3	8,392.1	7,689.59	16,081.7
4	14,071.3	11,176.62	25,247.92
5	12,492.69	14,558.72	27,051.41
6	15,171.85	19,283.36	34,455.2
7	21,770.63	21,894.03	43,664.66
8	19,664.65	20,651.65	40,316.3
9	27,692.28	21,091.17	48,783.45
10	36,541.58	33,387.37	69,928.95
Summary	164,223.44	158,743.31	322,966.75

8. Bubble Chart:

Day of the week by cogs colored by Month and sized by cogs