

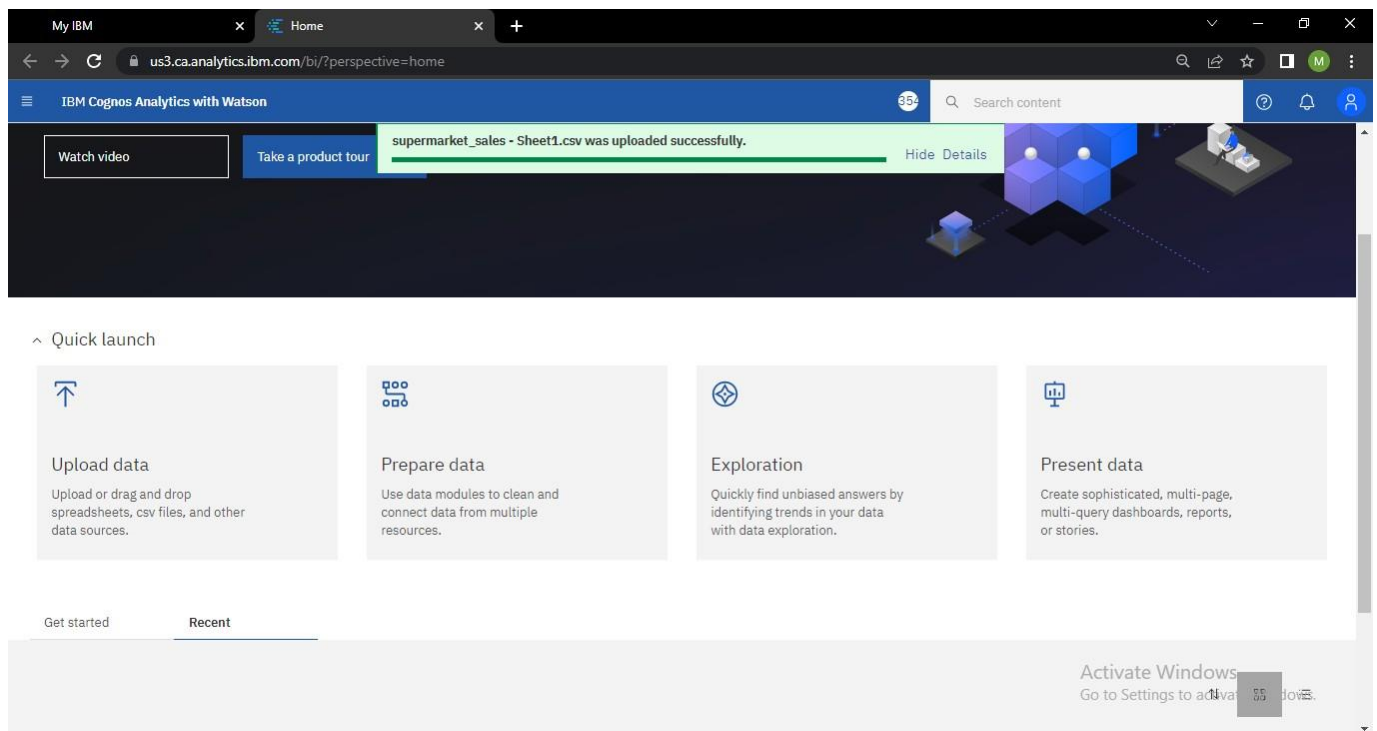
SUPERMARKET SALES DATA ANALYSIS

NAME - MYTHRAYAN O N

TEAM ID – NM2023TMID02095

TASKS:

1.UPLOADING THE DATA SET :



2. CREATING DATA MODULE :

My IBM sm_sales

us3.ca.analytics.ibm.com/bi/?perspective=ca-modeller&id=ISE95556C4195475E84784D33052D7CCD&objRef=ISE95556C4195475E84784D33052D7CCD&tid=3334...

IBM Cognos Analytics with Watson sm_sales

Maintenance: The upgrade is now complete. Click on More Info to see what actions may be necessary and to subscribe to future events

Search content

Properties

Data module

Search

sm_sales

Navigation paths

supermark...eet1.csv

Invoice ID

Branch

City

Customer type

Gender

Product line

Unit price

Quantity

Tax 5%

Total

Date

Time

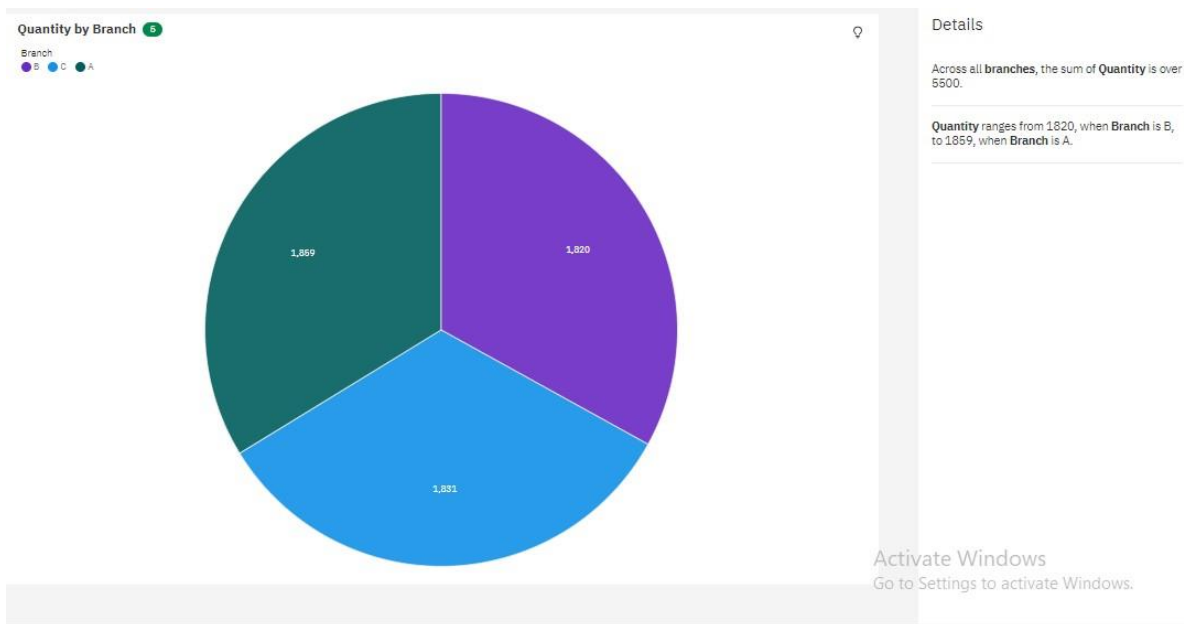
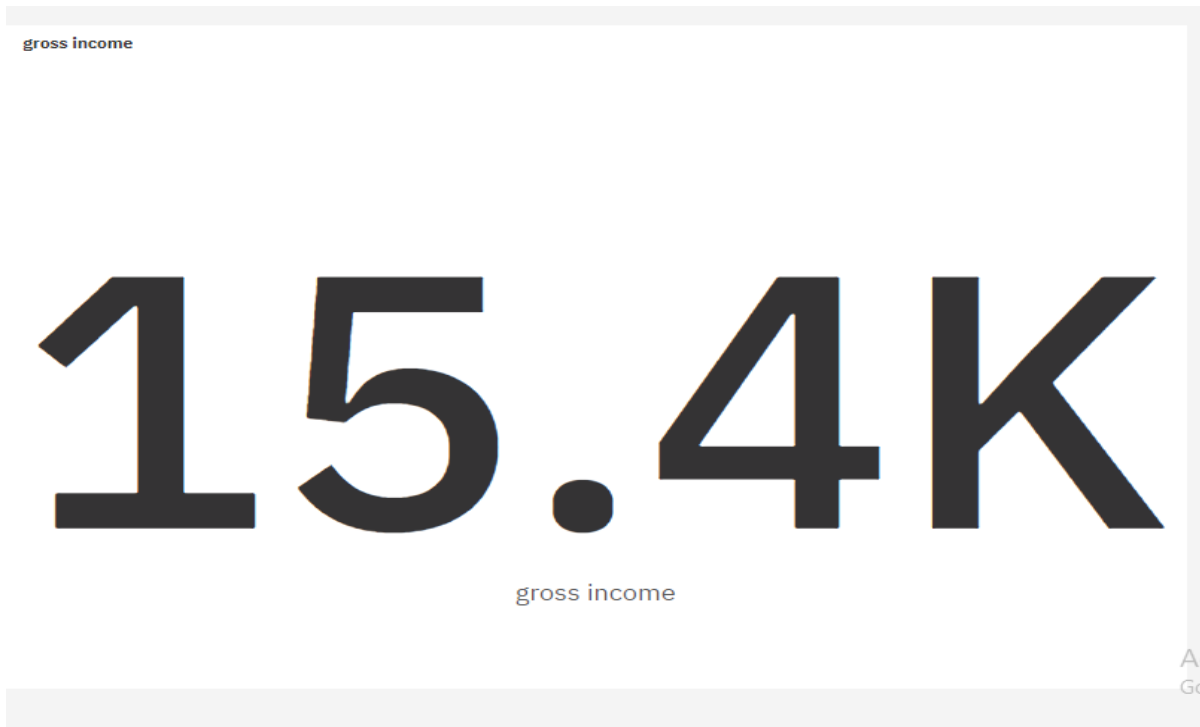
Payment

Grid Relationships Custom tables

Invoice ID	Branch	City	Customer type	Gender	Product line	Unit price
750-67-8428	A	Yangon	Member	Female	Health and beauty	74.69
226-31-3081	C	Naypyitaw	Normal	Female	Electronic accessories	15.28
631-41-3108	A	Yangon	Normal	Male	Home and lifestyle	46.33
123-19-1176	A	Yangon	Member	Male	Health and beauty	58.22
373-73-7910	A	Yangon	Normal	Male	Sports and travel	86.31
699-14-3026	C	Naypyitaw	Normal	Male	Electronic accessories	85.39
355-53-5943	A	Yangon	Member	Female	Electronic accessories	68.84
315-22-5665	C	Naypyitaw	Normal	Female	Home and lifestyle	73.56
665-32-9167	A	Yangon	Member	Female	Health and beauty	36.26
692-92-5582	B	Mandalay	Member	Female	Food and beverages	54.84
351-62-0822	B	Mandalay	Member	Female	Fashion accessories	14.48
529-56-3974	B	Mandalay	Member	Male	Electronic accessories	25.51

Activate Windows
Go to Settings to activate Windows.

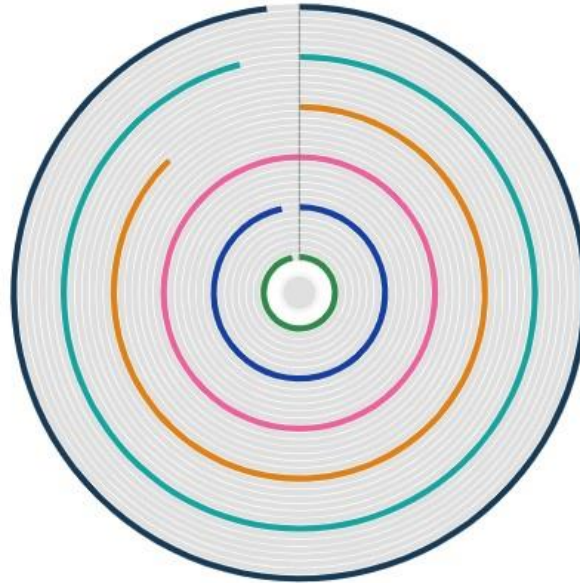
3. DATA EXPLORATION :



gross income by Product line colored by Product line

Product line

Electronic accessories Fashion accessories Food and beverages Health and beauty Home and lifestyle Sports and travel

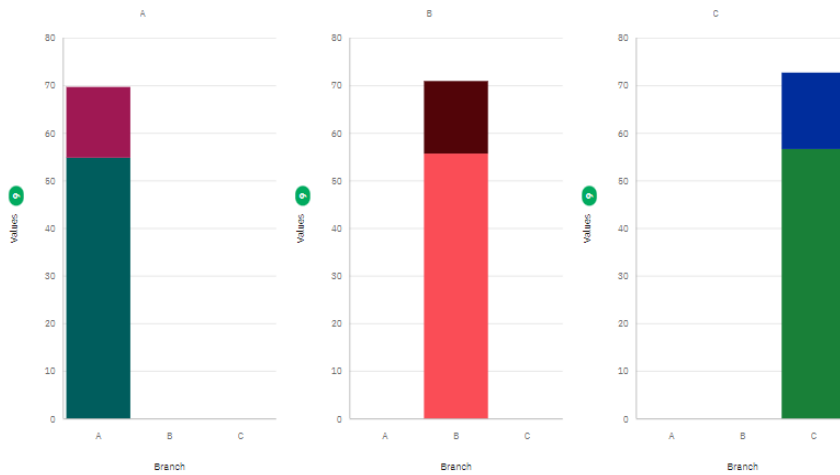


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Unit price and Tax 5% by Branch colored by Branch

Branch - Measures

A | Unit price A | Tax 5% B | Unit price B | Tax 5% C | Unit price C | Tax 5%



Details

Over all branches, the average of Tax 5% is 15.38.

Over all branches, the average of Unit price is 55.67.

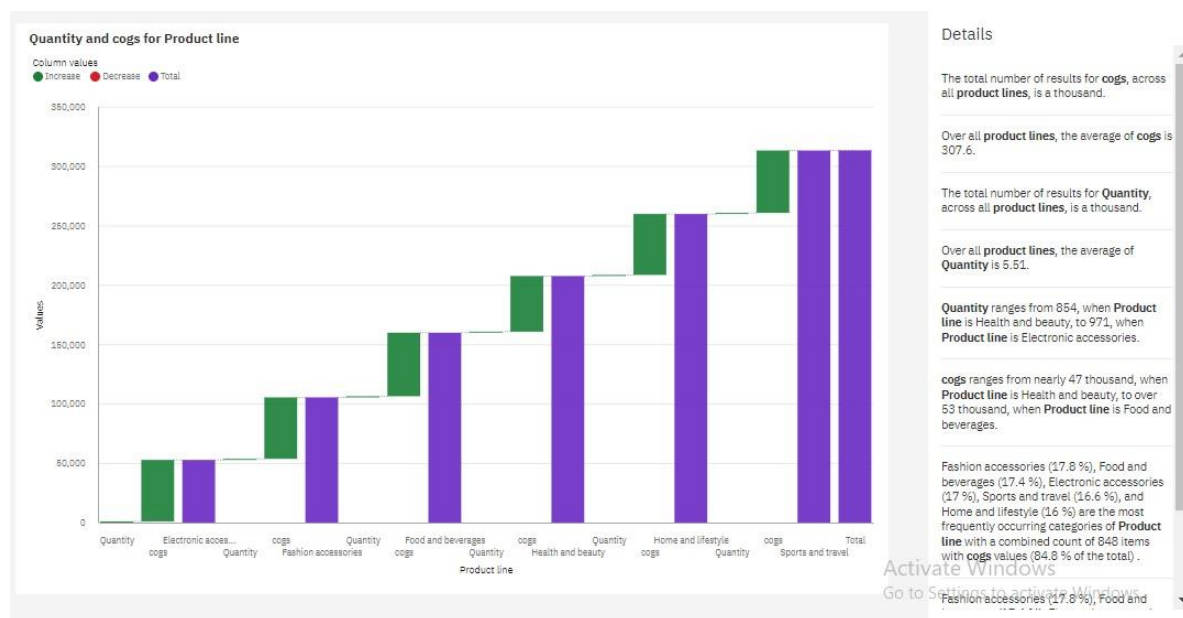
The average values of Unit price range from 54.78 to 56.61.

The average values of Tax 5% range from 14.87 to 16.05.

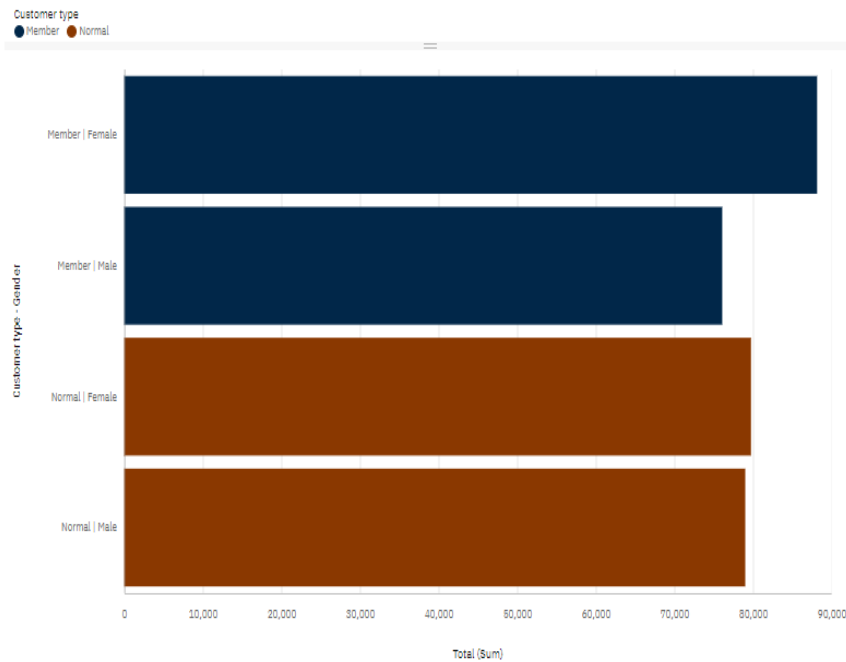
A is the most frequently occurring category of Branch with a count of 340 items with Tax 5% values (34 % of the total).

A is the most frequently occurring category of Branch with a count of 340 items with Unit price values (34 % of the total).

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Total by Customer type and Gender colored by Customer type



Details

Over all customer type - genders and customer types, the sum of Total is nearly 323 thousand.

The summed values of Total range from over 76 thousand to over 88 thousand.

For Total, the most significant value of Customer type - Gender is Member/Female, whose respective Total values add up to over 88 thousand, or 27.3 % of the total.

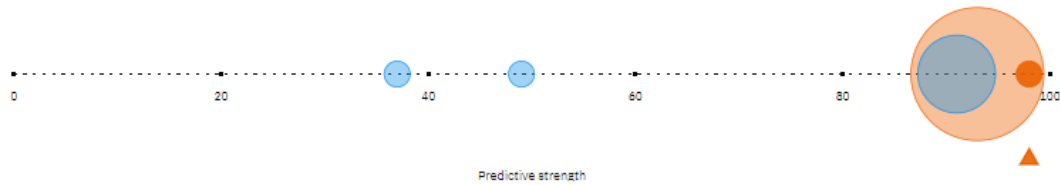
For Total, the most significant value of Customer type is Member, whose respective Total values add up to over 164 thousand, or 50.8 % of the total.

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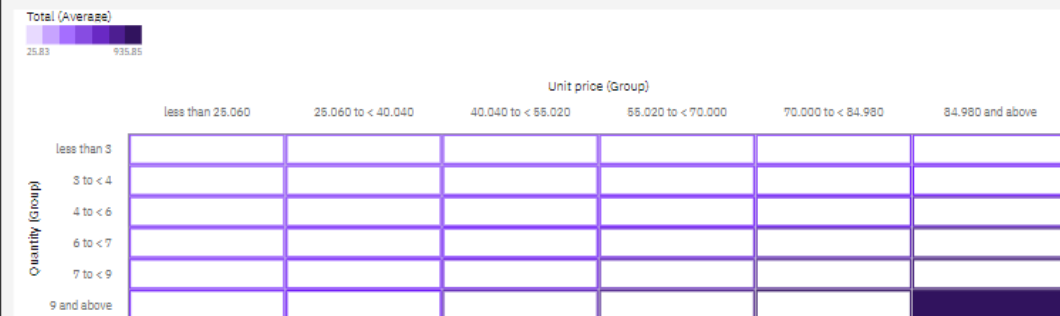
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Total

1 Driver 2 Drivers



Total by Quantity (Group) and Unit price (Group)

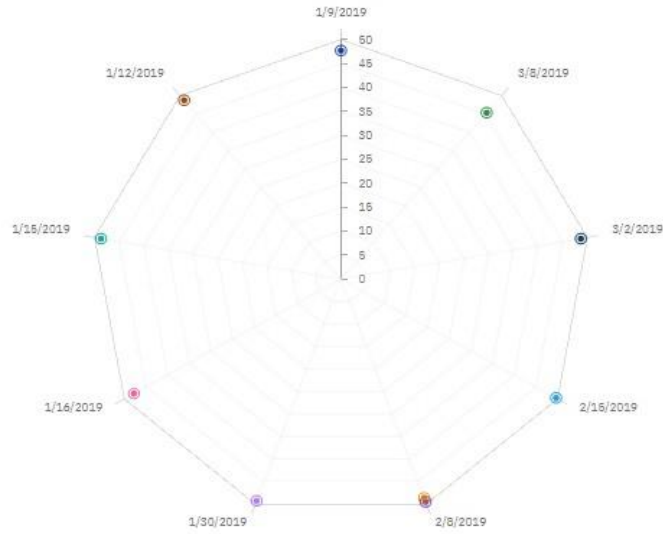


Add

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gross income by Date colored by gross income 6

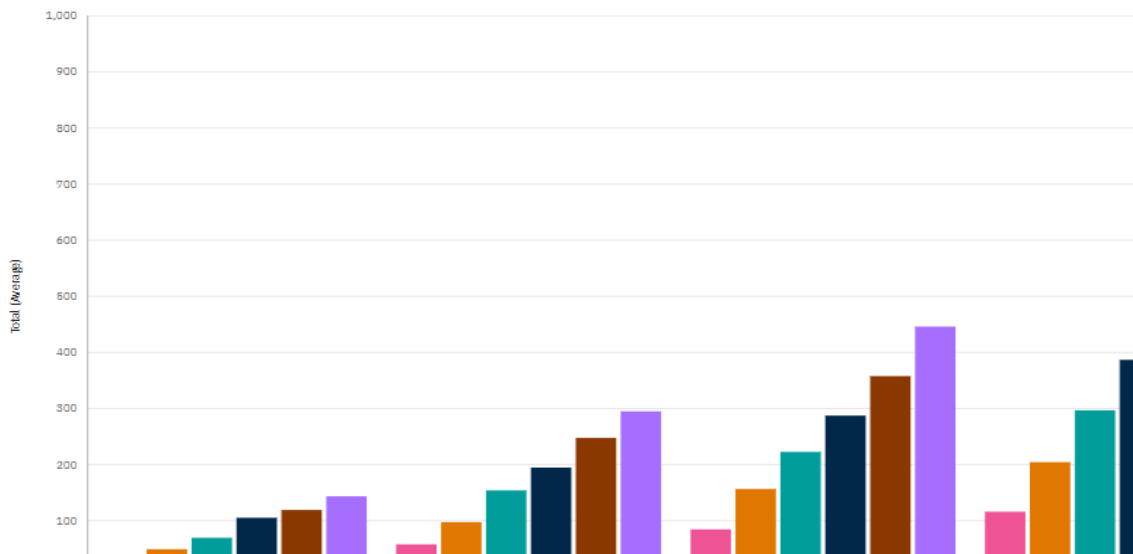
gross income
 45.33 47.72 47.79 48.61 48.69 48.75 49.26 49.49 49.65



Acti
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Total by Quantity (Group) (3) colored by Unit price (Group) (3)

Unit price (Group) (3)
 less than 25.0600 25.0600 to < 40.0400 40.0400 to < 55.0200 55.0200 to < 70.0000 70.0000 to < 84.9800 84.9800 and above



Act
Go to