

# PROJECT PORTFOLIO

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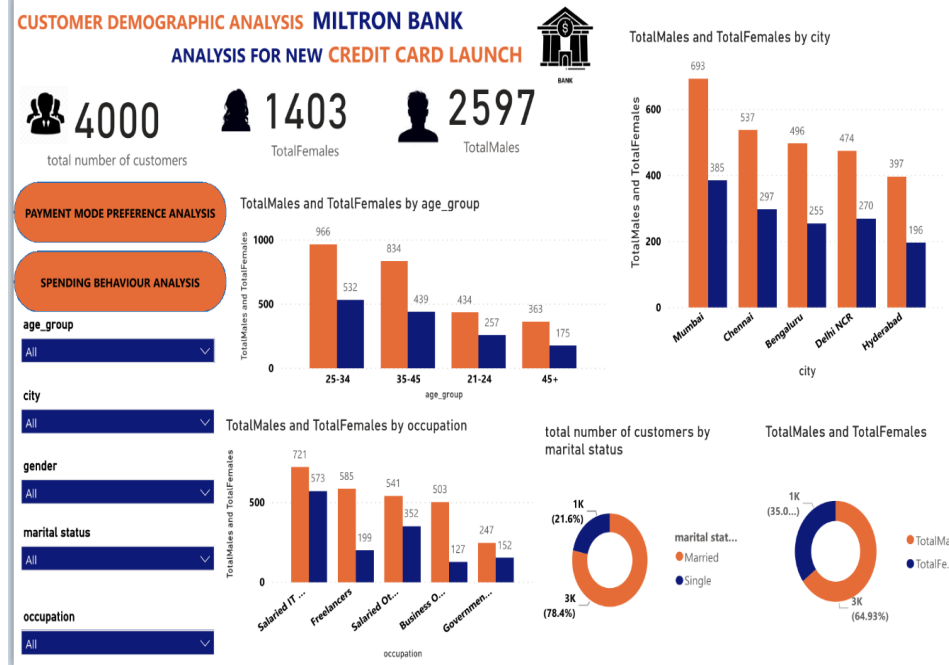


## **Project 12**

Coffee Sales Dashboard

# PROJECT 1

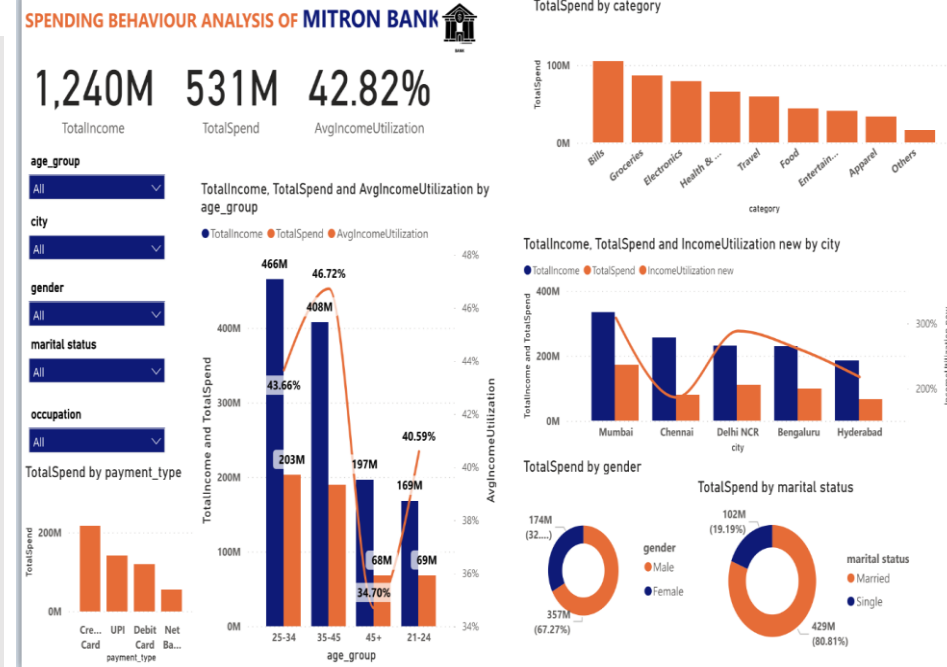
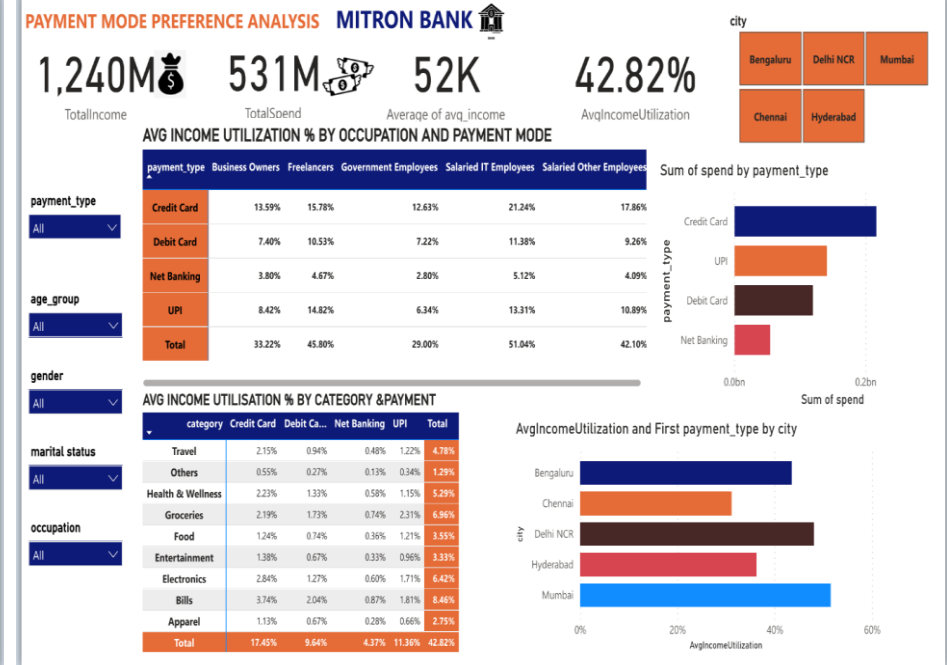
## MITRON BANK ANALYSIS



Mitron Bank is a legacy financial institution headquartered in Hyderabad. They want to introduce a new line of credit cards, aiming to broaden its product offerings and reach in the financial market.

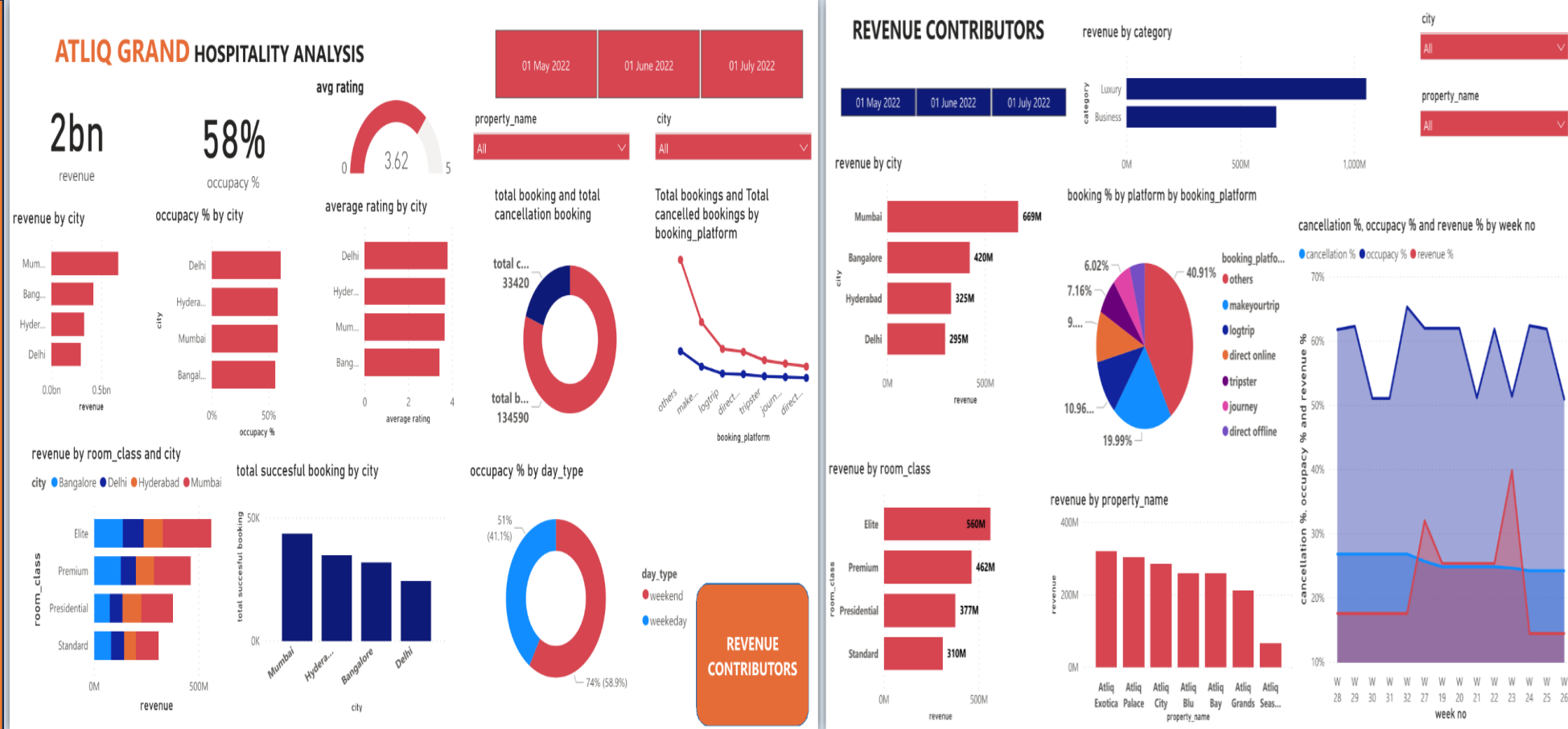
### Key objective

1. Analyzed Demographic Classification
2. payment mode preference analysis
3. spending behaviour



# PROJECT 2

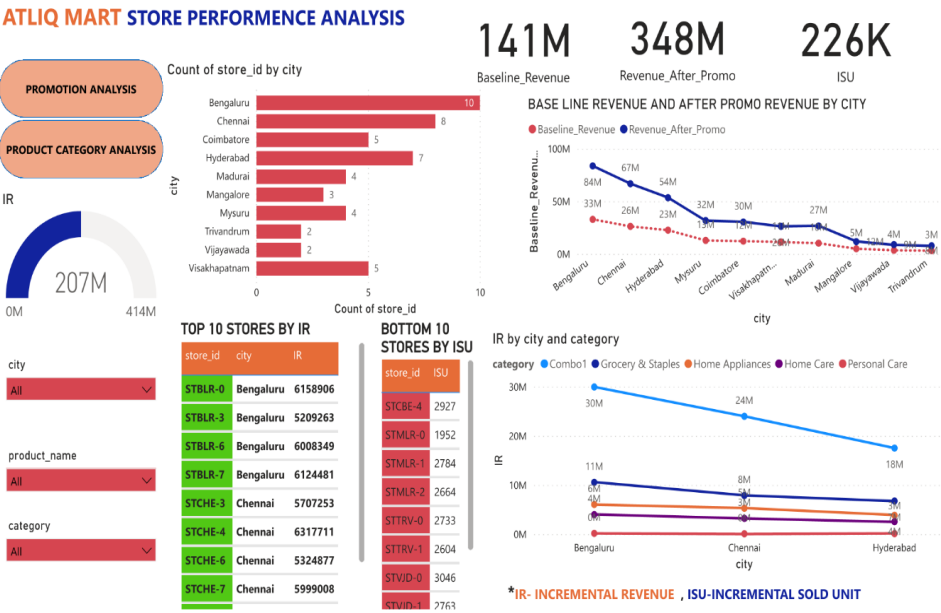
## ATLIQ GRAND HOSPITALITY ANALYSIS



Atliq Grands owns multiple five-star hotels across India. They have been in the hospitality industry for the past 20 years. Due to strategic moves from other competitors and ineffective decision-making in management, Atliq Grands are losing its market share and revenue in the luxury/business hotels category. As a strategic move, the managing director of Atliq Grands wanted to incorporate “Business and Data Intelligence” to regain their market share and revenue. However, they do not have an in-house data analytics team to provide them with these insights.

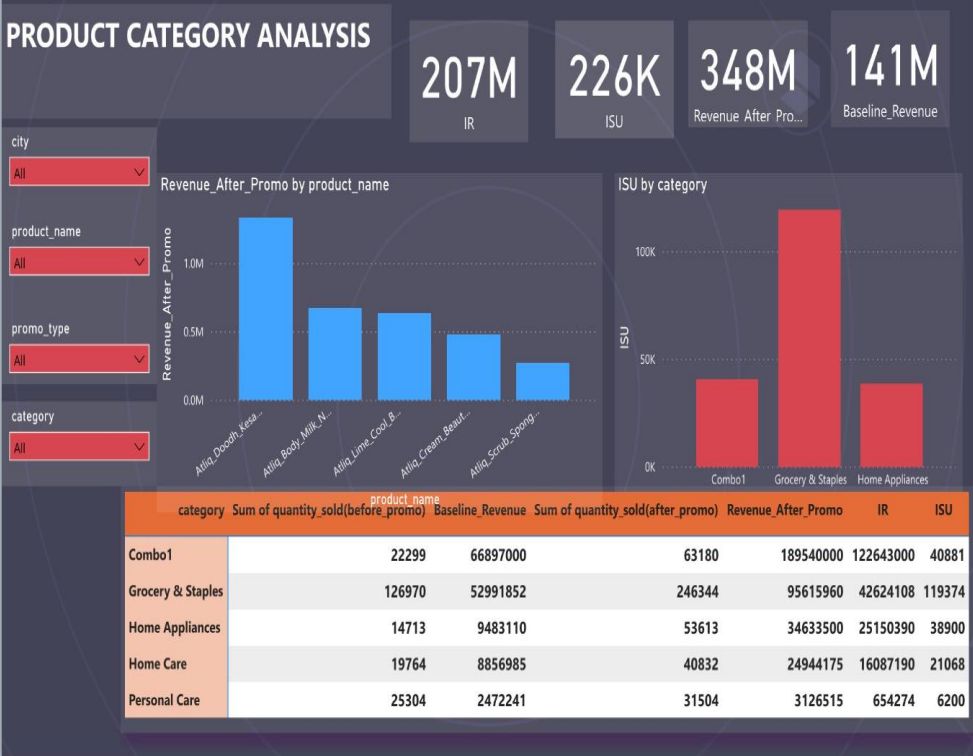
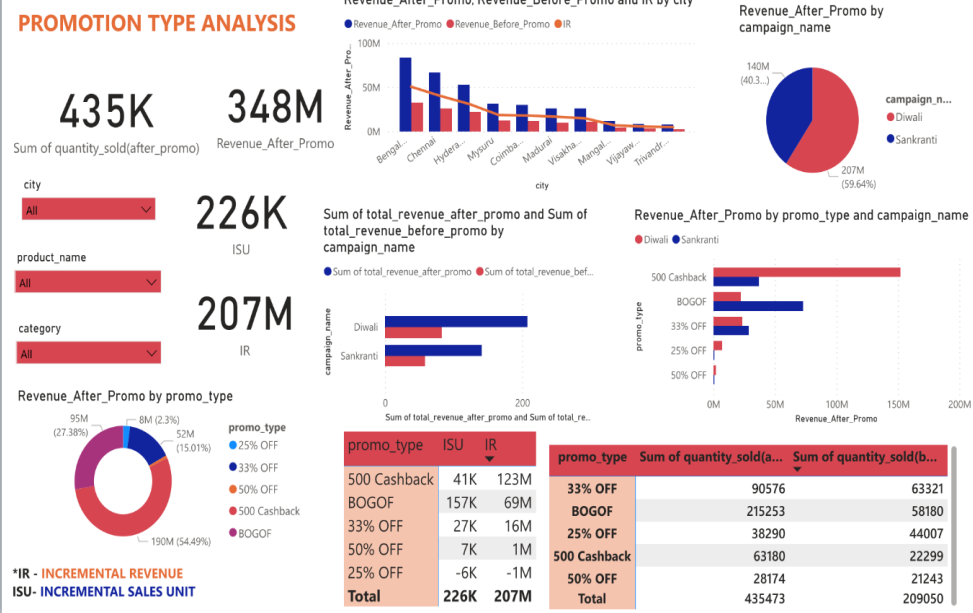
# PROJECT 3

## ATLIQ SUPERMARKET ANALYSIS



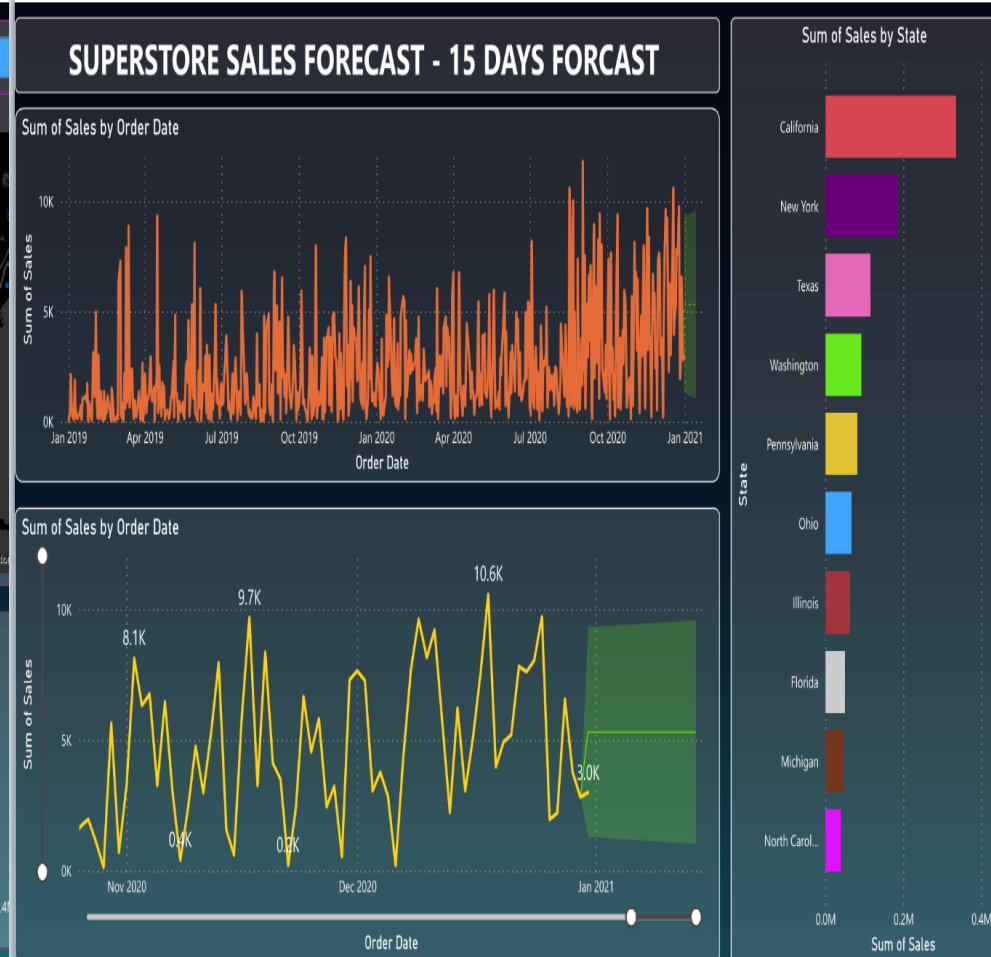
AtliQ Mart is a retail giant with over 50 supermarkets in the southern region of India. All their 50 stores ran a massive promotion during the Diwali 2023 and Sankranti 2024 (festive time in India) on their AtliQ branded products. Now the sales director wants to understand which promotions did well and which did not so that they can make informed decisions for their next promotional period.

- Key Objective
- Store performance analysis
  - Promotion type analysis
  - Product category analysis



# PROJECT 4

## SUPERSTORES DASHBOARD



### OBJECTIVE

To contribute to the success of a business by utilizing data analysis techniques , specifically focusing on time series analysis , to provide valuable insight and accurate sales forecasting .

### Matrix used

1. Sum
2. Average

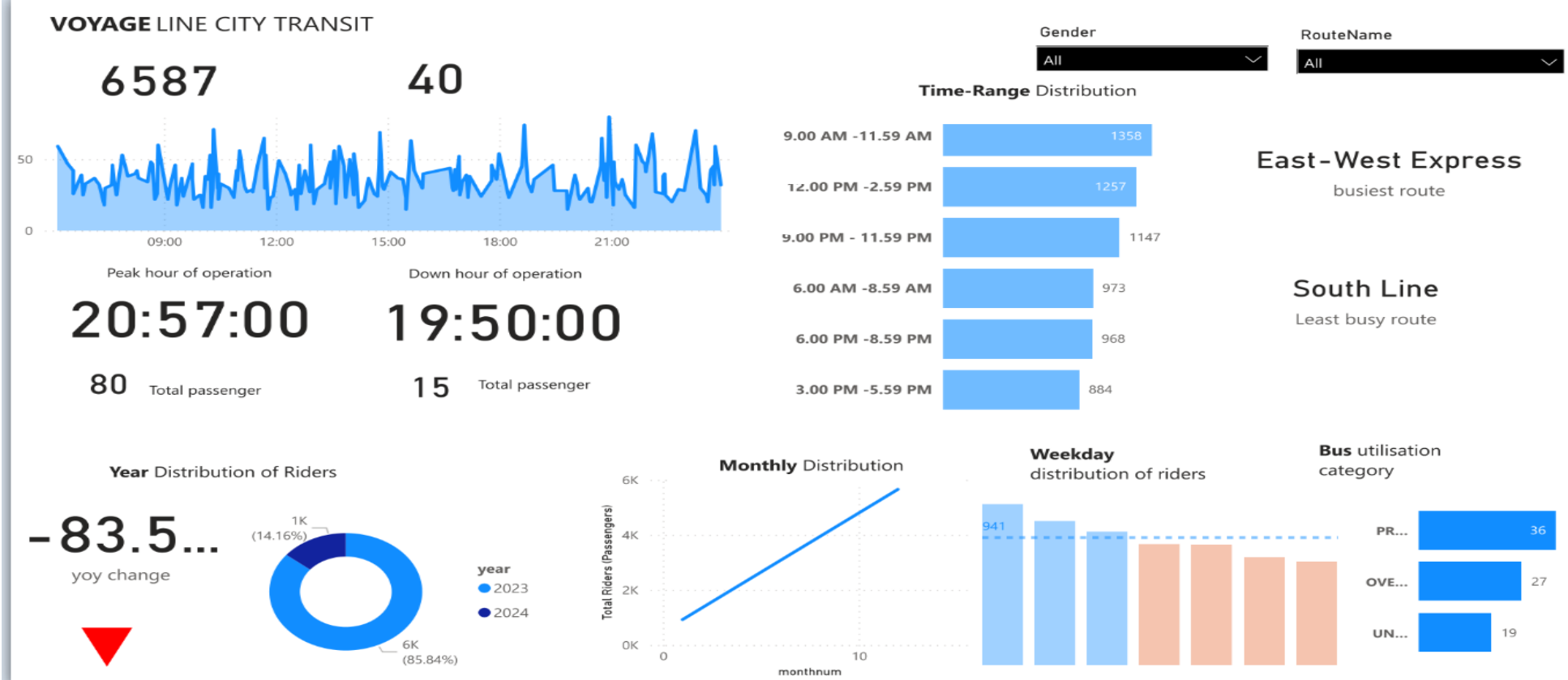
### Learnings

Incorporated data analysis techniques , specializing in time series analysis, to deliver valuable insight , accurate sales forecasting and interactive dashboard creation, driving business success

# PROJECT

5

## VOYAGE LINE CITY TRANSIT ANALYSIS



### Bus analysis

This data shows all the information of voyage city transit , which shows details of buses

Object

Create visualised dashboard which shows peak hour operation , least hour operation ,busiest route ,year distribution of riders and buses utilisation

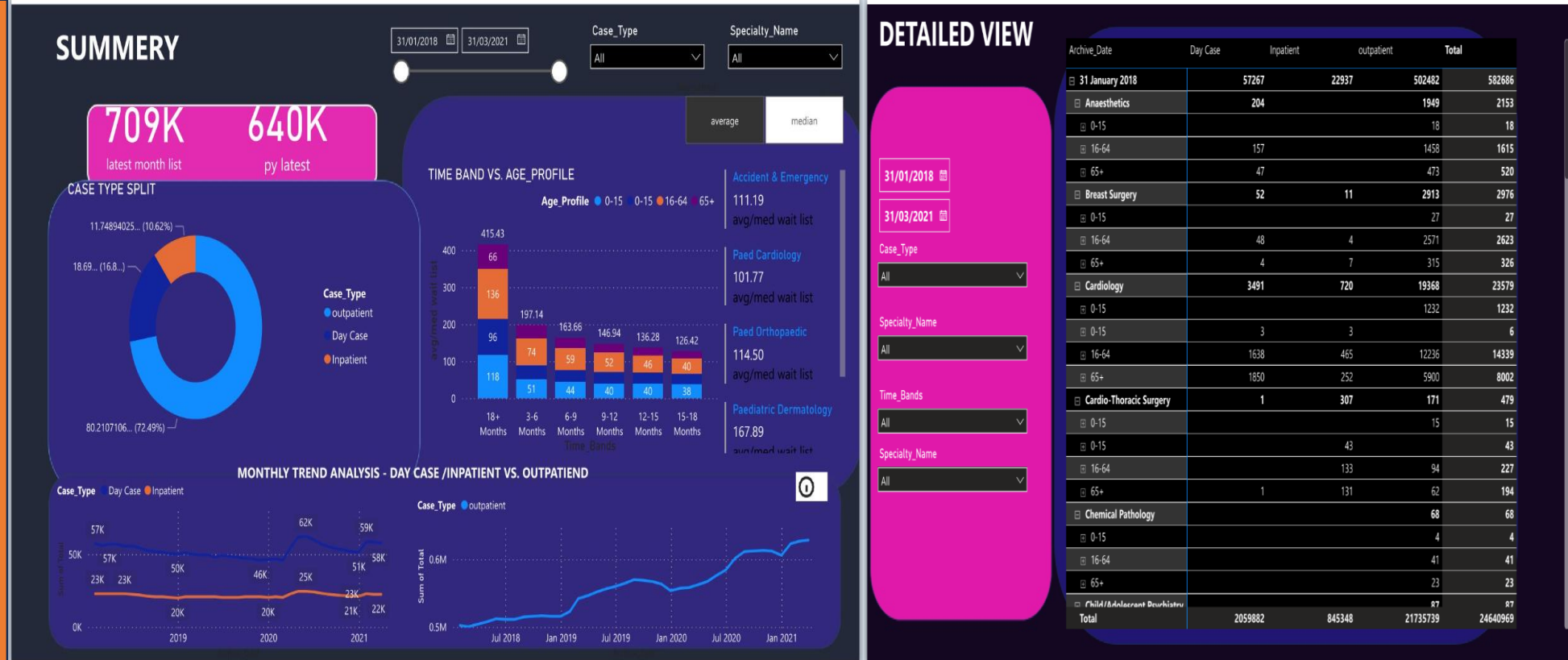
DAX function used

1. Count
2. Sum
3. Divide



# PROJECT 6

## HOSPITAL ANALYSIS



### HOPITAL PROJECT

This is publicly available health care data ,there are two type of data

- 1 . Inpatient data
- 2.Outpatient data

Objective

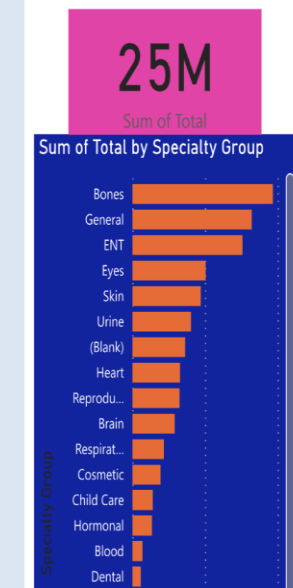
To create attractive dashboard that shows both median and average value of patients and

To find monthly trend analysis of 2018,2019,2020,2021. And the table that shows detailed view of patients .

use drill down to show another page.

Matrix used

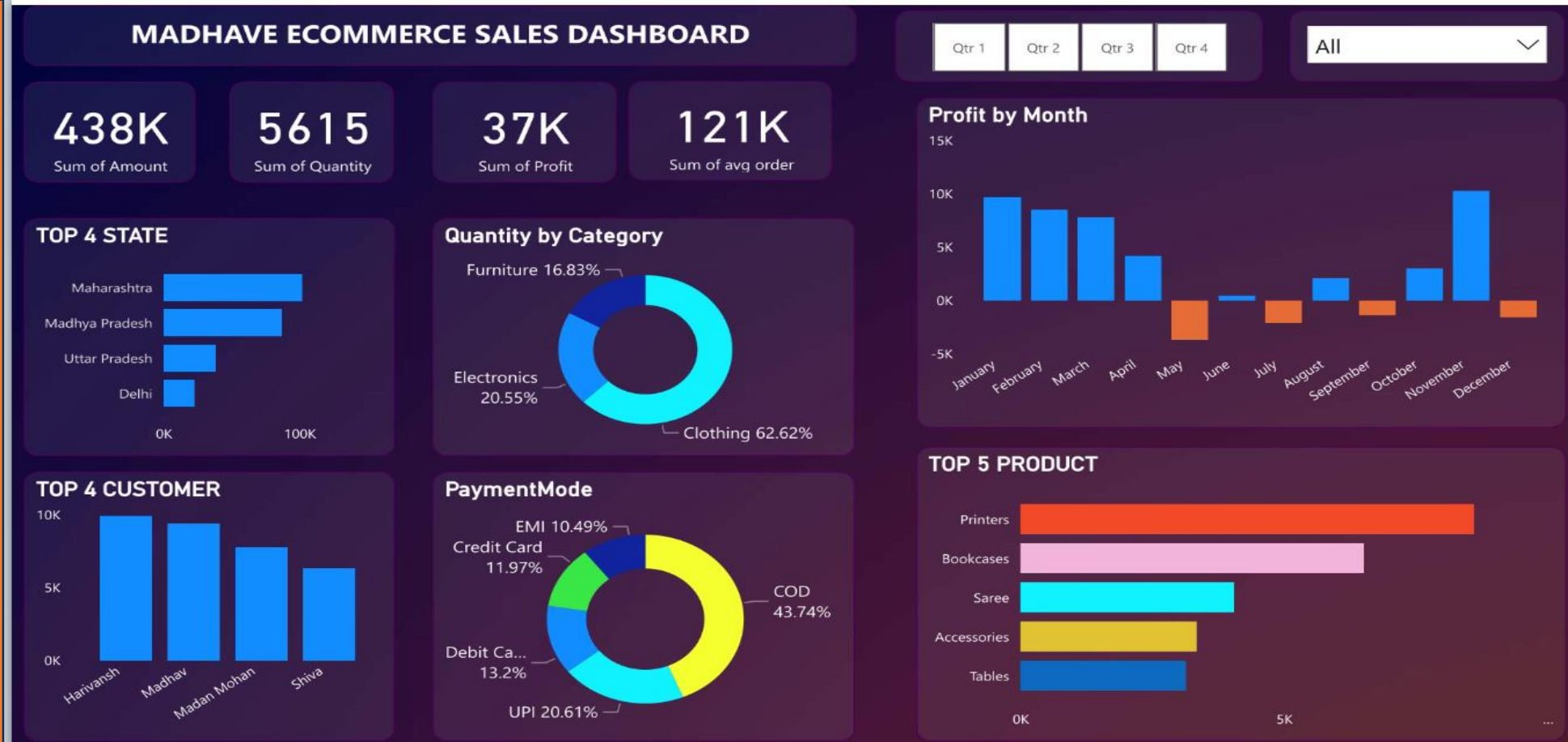
1. Median
2. Average





# PROJECT 7

## MADHAVE STORE ANALYSIS



### Madhave store

Analysed e-commerce sales data created or interacted using power bi

#### Objective

Owner of Madhave stores want to create a dashboard to track their online sales across India.

#### Learnings

Created interactive dashboard to track and analyse online sales data

Created connections, join new tables , calculations to manipulate data and enable user driven parameter for visualisations.

# PROJECT 8 RM HOSPITAL ANLYSIS OF PATIENTS

## RM HOSPITAL ANALYSIS OF PATIENTS

3,816

Total patients

49.16%

% Administration schedule

50.84%

None - Administration sc...

51.78%

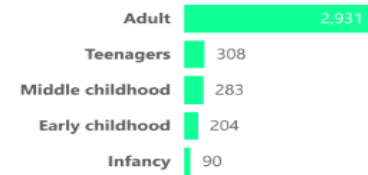
% Referred patients

Parameter

○ Avg.satisfaction score

● Avg.wait time

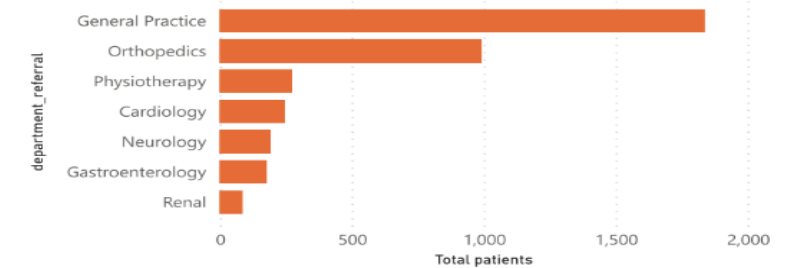
Total patients by Age group



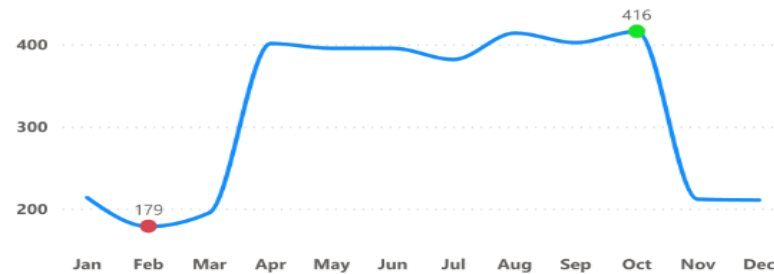
Total visit by year



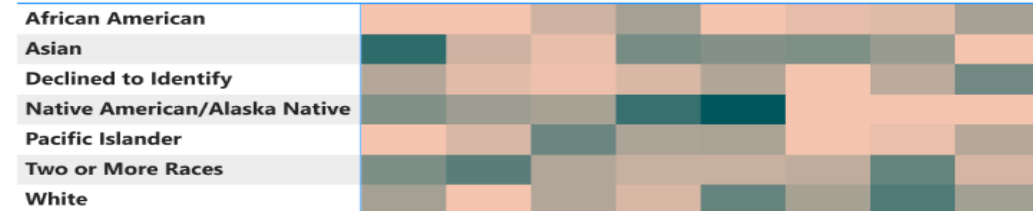
Total patients by department\_referral



TOTAL PATIENTS VISIT



patient\_race



### Hospital Project

Provided data shows patients details of RM Hospitals.

#### OBJECTIVE

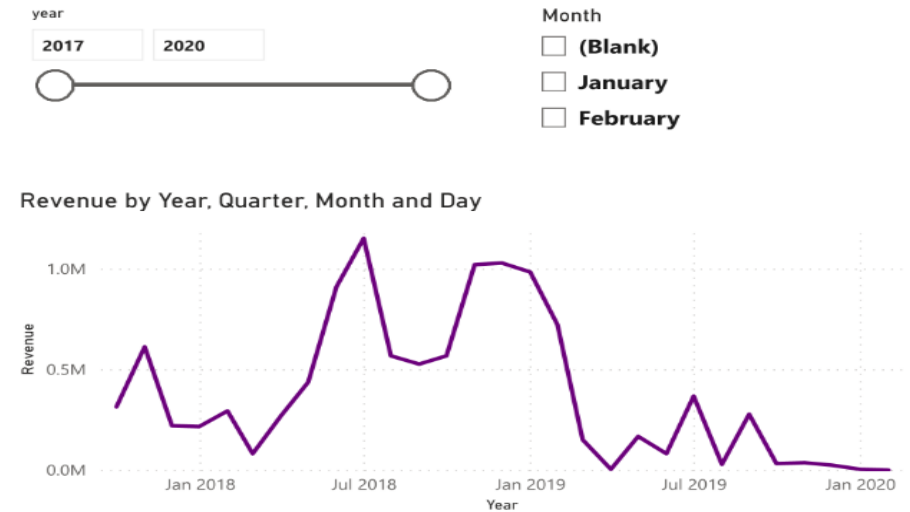
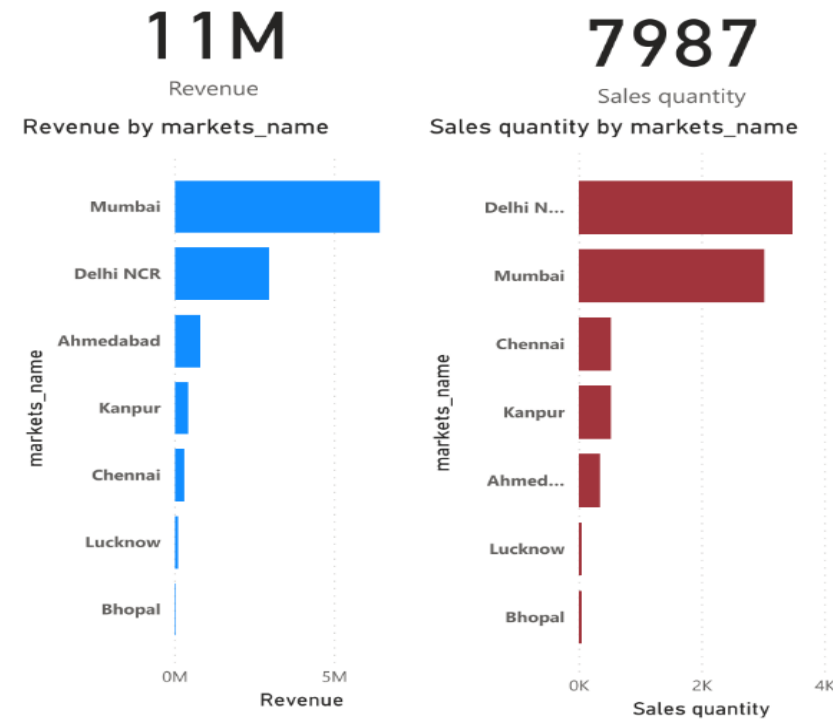
To analyse the details of patients data set to find out total patient visit of 2019-2020 and find the patients referrals.

#### RESULT

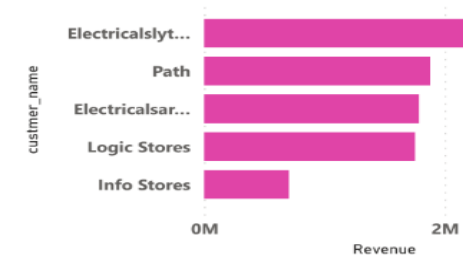
- Result shows that general patients are more referred patients .
- In 2019 there is 1824 patients only but in 2020 patients are increased to 2000 that is clearly visible .
- Highest number of patients visited in October month .

# PROJECT 9 SALES AND TRANSACTION ANALYSIS OF ATLIQ HARDWARE

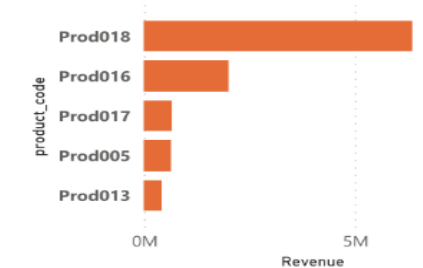
## ATLIQUE HARDWARE SALES ANALYSIS



### TOP 5 CUSTOMER



### TOP 5 PRODUCT



### SALES AND TRANSACTION

Atliq Hardware is a company which supplies computer hardware and peripherals to many clients . they have regional office across India. When market growing dynamically they facing problem in tracking sales so they need simple and understanding insight to track sales .

### PURPOSE

To unlock sales insight that are not visible and automate them to reduce manual time spend in data gathering .

### RESULT

An automated dashboard providing quick and latest insight in order to support data driven decision making

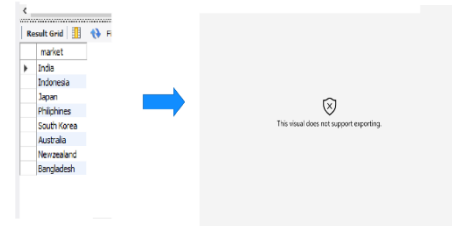
# PROJECT 10

## ATLIQ HARDWARE SQL CHALLENGE

Atliq Hardwares (imaginary company) is one of the leading computer hardware producers in India and well expanded in other countries too. However, the management noticed that they do not get enough insights to make quick and smart data-informed decisions. They want to expand their data analytics team by adding several junior data analysts. Tony Sharma, their data analytics director wanted to hire someone who is good at both tech and soft skills. Hence, he decided to conduct a SQL challenge which will help him understand both the skills.

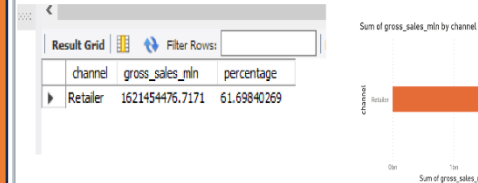


1. Provide the list of markets in which customer "Atliq Exclusive" operates its business in the APAC region.



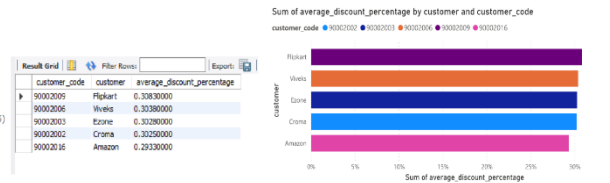
INSIGHTS  
This map shows Atliq exclusives operating places

9. Which channel helped to bring more gross sales in the fiscal year 2021 and the percentage of contribution? The final output contains these fields, channel, gross\_sales\_mln, percentage



6. Generate a report which contains the top 5 customers who received an average high pre\_invoice\_discount\_pct for the fiscal year 2021 and in the Indian market. The final output contains these fields,

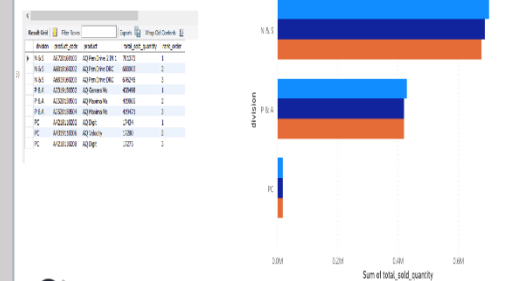
customer\_code  
customer  
average\_discount\_percentage



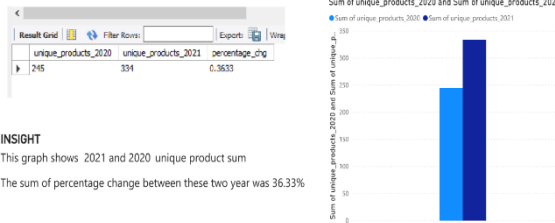
INSIGHT  
This graph shows top 5 customers by discount they received  
flipkart customer is in the top with 30.38% of discount received

10. Get the Top 3 products in each division that have a high total\_sold\_quantity in the fiscal year 2021? The final output contains these fields,

division  
product\_code  
product  
total\_sold\_quantity  
rank\_order



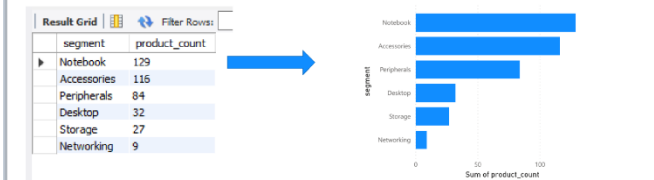
unique\_products\_2020  
unique\_products\_2021  
percentage\_chg



INSIGHT  
This graph shows 2021 and 2020 unique product sum  
The sum of percentage change between these two year was 36.33%

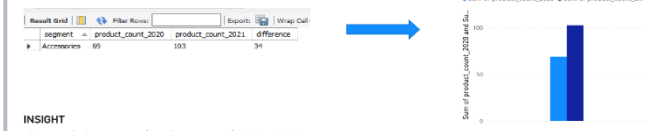


sort them in descending order of product count. The final output contains 2 fields, segment, product\_count



INSIGHT  
At 129 Notebook had the highest sum of product count .  
At 9 Networking which had lowest sum of product count

4. Follow-up: Which segment had the most increase in unique products in 2021 vs 2020? The final output contains these fields, segment, product\_count\_2020, product\_count\_2021, difference

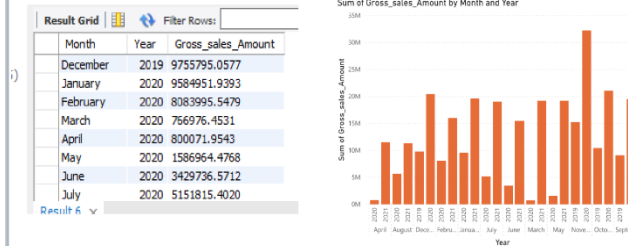


INSIGHT  
This graph shows sum of product count of 2020 vs 2021  
In 2020 product count was 69, in 2021 it increased a lot it became 103 .

Difference between these two year product count is 34

7. Get the complete report of the Gross sales amount for the customer "Atliq Exclusive" for each month . This analysis helps to get an idea of low and high-performing months and take strategic decisions. The final report contains these columns:

Month  
Year  
Gross sales Amount



8. In which quarter of 2020, got the maximum total\_sold\_quantity? The final output contains these fields sorted by the total\_sold\_quantity, Quarter, total\_sold\_quantity



Q4  
17447125  
Sum of total\_sold\_quantity



# PROJECT 11

## Big Fashion Group Sales Dashboard



### Big Fashion Group Sales Dashboard

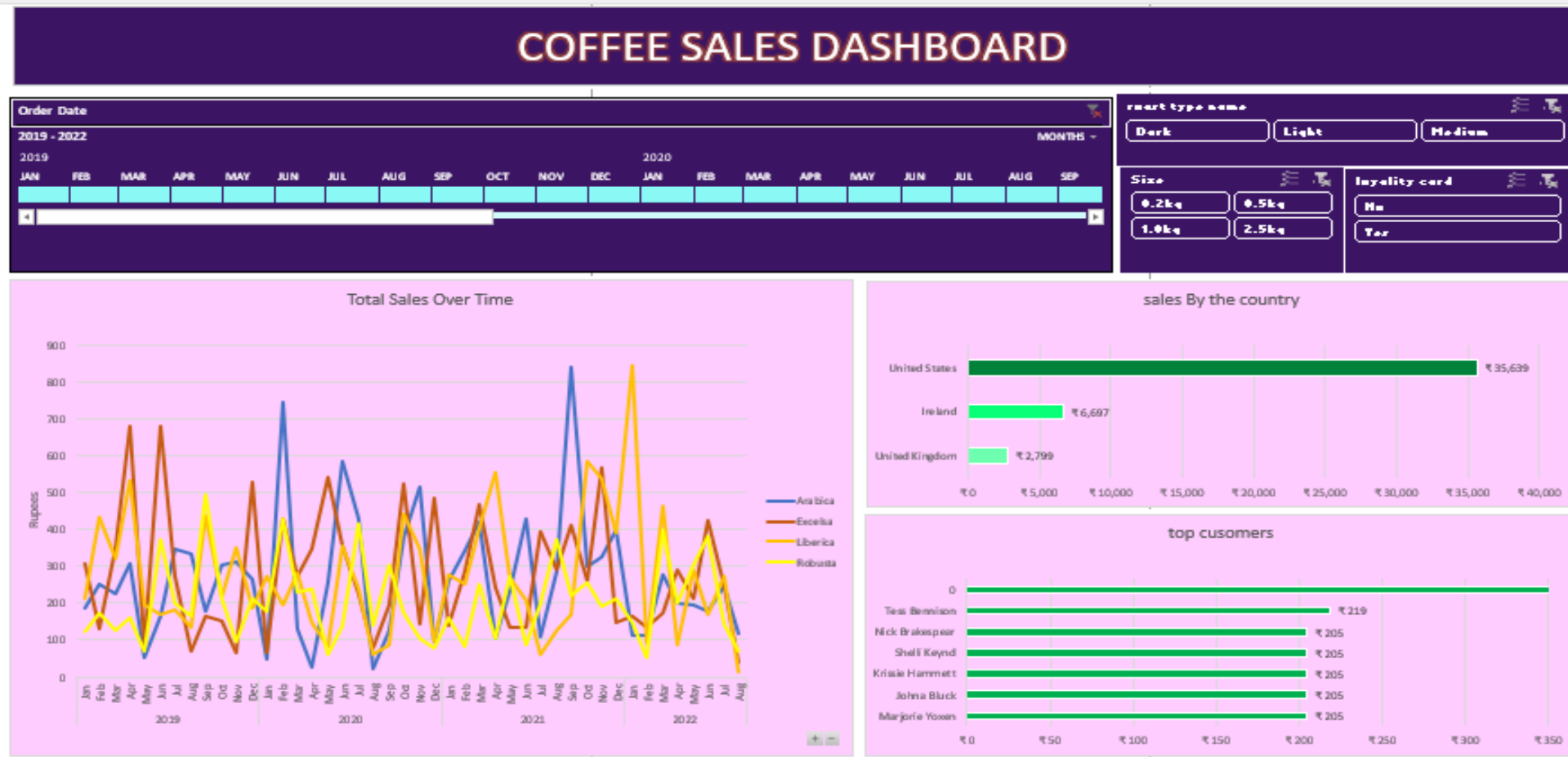
To find the sales of the year 2016,2017,2018 of big fashion store and analysis of sales places around there. Multiple uses of slicers to find out exact values ,

Uses insights

- 1.Line Charts an bar charts
- 2.Pie chart
3. Maps

# PROJECT 12

## Coffee Sales Dashboard



### Coffee Sales Dashboard

To find the sales of coffee shop . And find out the sales by monthly wise report of 2019 to 2021. which country had highest sales.

Insight used

- 1.Line charts
2. Bar charts
3. Slicers