

POWER BI DASHBOARD FOR ECOMMERCE STORE

PRESENTED BY

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INTRODUCTION

OWNER OF STORE WANTS US
TO HELP THEM CREATE A DASHBOARD TO
TRACK AND ANALYZE THEIR ONLINE SALES
ACROSS INDIA

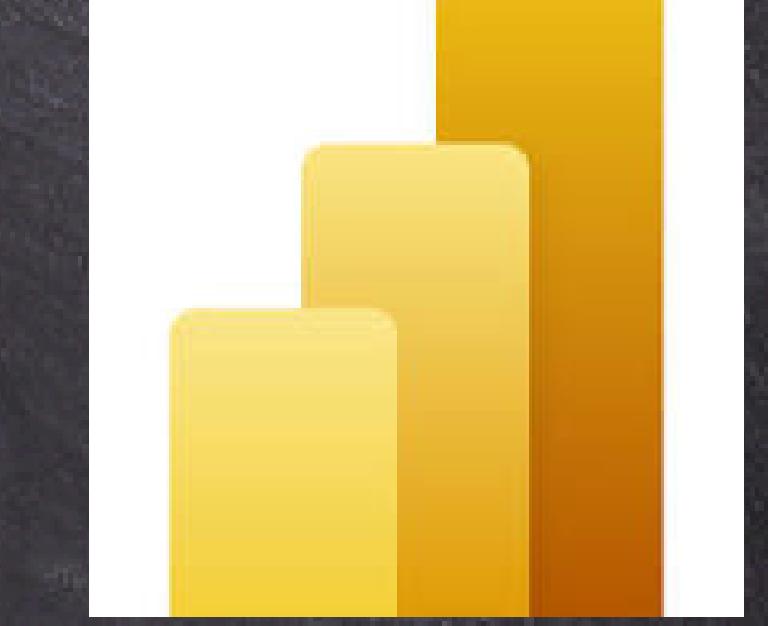
So we will create a Power BI Dashboard for the ecommerce store which will indicates all the stats of the sales in entire year



POWER BI

POWER BI IS A BUSINESS INTELLIGENCE & DATA VISUALIZATION TOOL THAT CONVERTS DATA FROM VARIOUS DATA SOURCES INTO INTERACTIVE DASHBOARDS AND ANALYSIS REPORTS.

IT ALLOWS A NON TECHNICAL PERSON TO UNDERSTAND AND MAKE DECISIONS BASED ON DATA



DOWNLOAD AND INSTALLATION

DOWNLOAD 

- First simply we need to go to the Microsoft Store
- Type “ Power BI ” in search box
- Select the Power BI Desktop
- Get the application

{ No need to buy the paid application }

FIRST VIEW

- Report view
- Data view
- Model view

The screenshot shows the Microsoft Power BI desktop application. The ribbon at the top is set to the "Home" tab, which includes sections for File, Insert, Modeling, View, Optimize, and Help. Below the ribbon, there are several toolbars and panes. On the left, there's a vertical ribbon pane with icons for Report, Data, and Model. The main workspace is currently empty, displaying the message "Add data to your report". Below this message, it says "Once loaded, your data will appear in the Data pane." At the bottom of the workspace, there are four buttons: "Import data from Excel" (highlighted in green), "Import data from SQL Server", "Paste data into a blank table", and "Use sample data". A link "Get data from another source →" is located just below these buttons.

Add data to your report

Once loaded, your data will appear in the Data pane.

Import data from Excel

Import data from SQL Server

Paste data into a blank table

Use sample data

Get data from another source →

DATA SOURCES

DETAILS

	A	B	C	D	E	F
1	Order ID	Order Date	Customer Name	State	City	
2	B-26055	10-03-2018	Harivansh	Uttar Pradesh	Mathura	
3	B-25993	03-02-2018	Madhav	Delhi	Delhi	
4	B-25973	24-01-2018	Madan Mohan	Uttar Pradesh	Mathura	
5	B-25923	27-12-2018	Gopal	Maharashtra	Mumbai	
6	B-25757	21-08-2018	Vishakha	Madhya Pradesh	Indore	
7	B-25967	21-01-2018	Sudevi	Uttar Pradesh	Prayagraj	
8	B-25955	16-01-2018	Shiva	Maharashtra	Pune	
9	B-26093	27-03-2018	Sarita	Maharashtra	Pune	+
10	B-25798	01-10-2018	Shishu	Andhra Pradesh	Hyderabad	
11	B-25602	01-04-2018	Vrinda	Maharashtra	Pune	
12	B-25858	13-11-2018	Uudhav	Maharashtra	Mumbai	
13	B-25969	21-01-2018	Shreyshi	Gujarat	Surat	
14	B-26099	30-03-2018	Bhishm	Maharashtra	Mumbai	
15	B-25997	04-02-2018	Yogesh	Maharashtra	Pune	
16	B-25881	25-11-2018	Lalita	Uttar Pradesh	Mathura	
17	B-25761	25-08-2018	Madhav	Uttar Pradesh	Mathura	
18	B-25887	01-12-2018	Vishakha	Uttar Pradesh	Prayagraj	
19	B-25823	18-10-2018	Rohan	Maharashtra	Mumbai	

ORDERS

	A	B	C	D	E	F	G	H
1	Order ID	Amount	Profit	Quantity	Category	Sub-Categ	PaymentMode	
2	B-25681	1096	658	7	Electronics	Electronic	COD	
3	B-26055	5729	64	14	Furniture	Chairs	EMI	
4	B-25955	2927	146	8	Furniture	Bookcases	EMI	
5	B-26093	2847	712	8	Electronics	Printers	Credit Card	
6	B-25602	2617	1151	4	Electronics	Phones	Credit Card	
7	B-25881	2244	247	4	Clothing	Trousers	Credit Card	
8	B-25696	275	-275	4	Clothing	Saree	COD	
9	B-25687	387	-213	5	Clothing	Saree	UPI	+
10	B-25643	50	-44	2	Clothing	Hankerchief	UPI	
11	B-25851	135	-54	5	Clothing	Kurti	COD	
12	B-25703	231	-190	9	Clothing	Hankerchief	COD	
13	B-25887	2125	-234	6	Electronics	Printers	EMI	
14	B-25923	3873	-891	6	Electronics	Phones	Credit Card	
15	B-25756	729	-492	5	Furniture	Bookcases	UPI	
16	B-25761	2188	1050	5	Furniture	Bookcases	Credit Card	
17	B-25655	6	-3	1	Clothing	Hankerchief	UPI	
18	B-25786	1854	433	5	Furniture	Bookcases	Credit Card	

This both are the tables used in creation of dashboard

TRANSFORMATION OF DATA

DATA TYPES

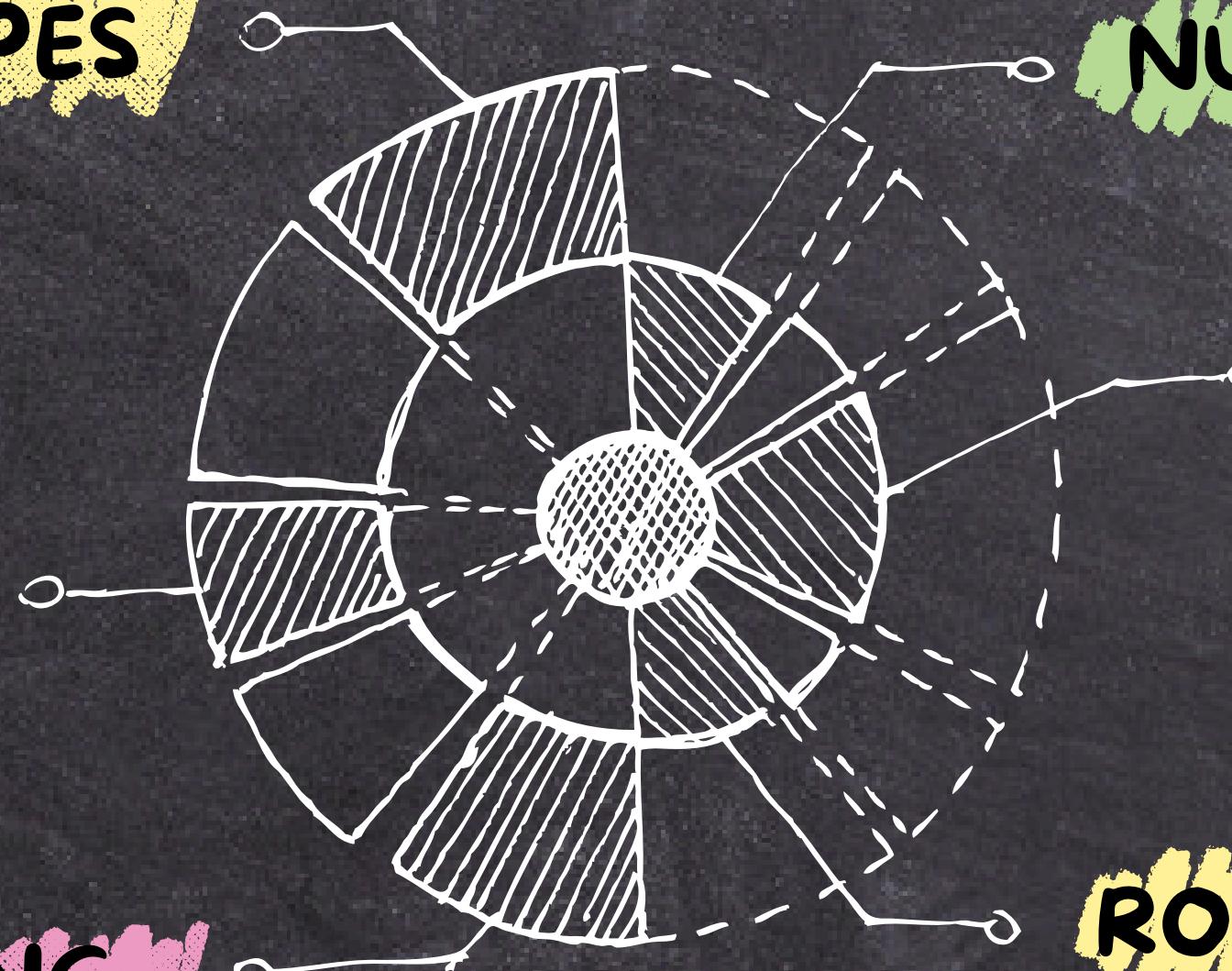
AGGRIGATION

DATE FORMATING

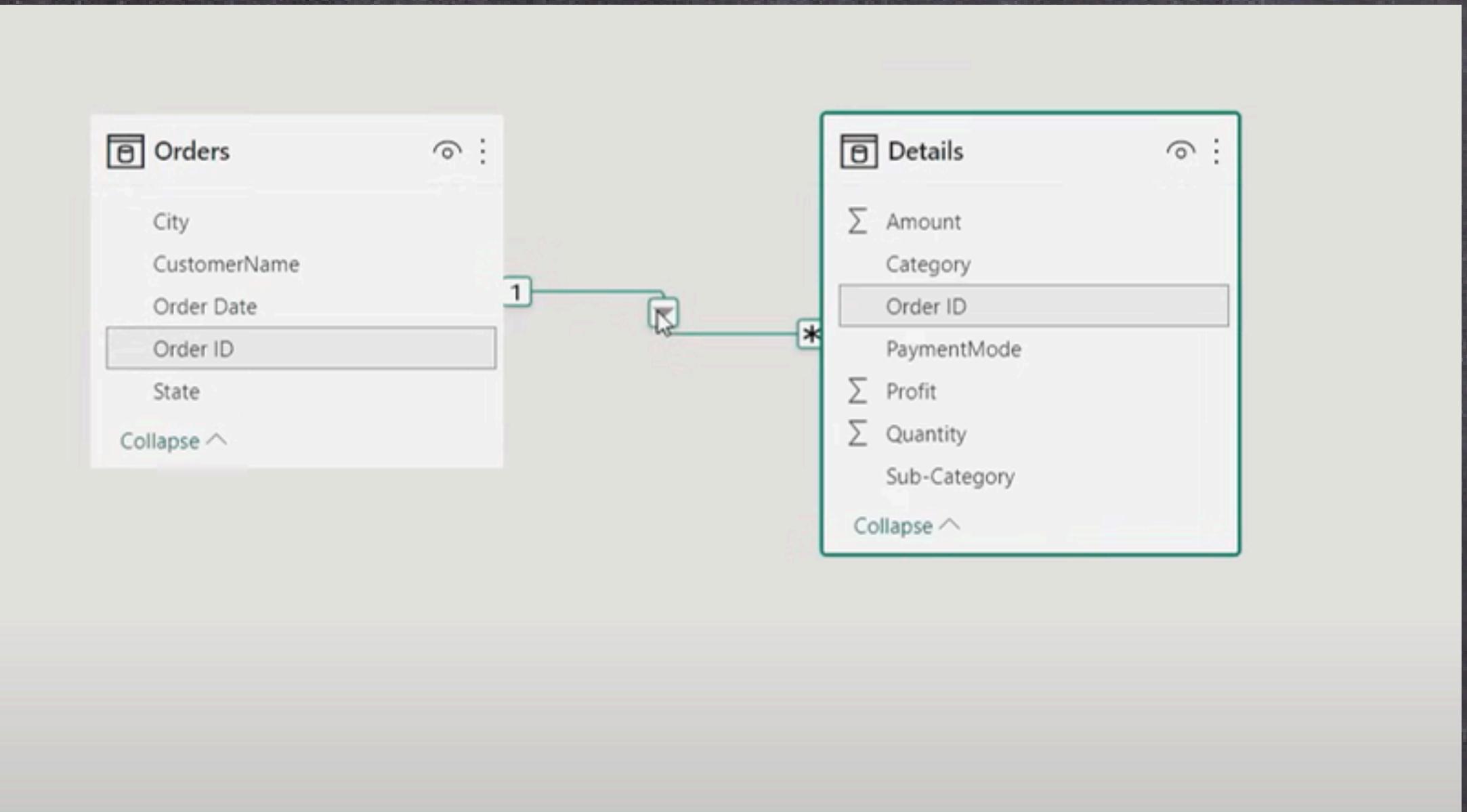
NULL VALUE

DUPPLICATES

ROUND OFF



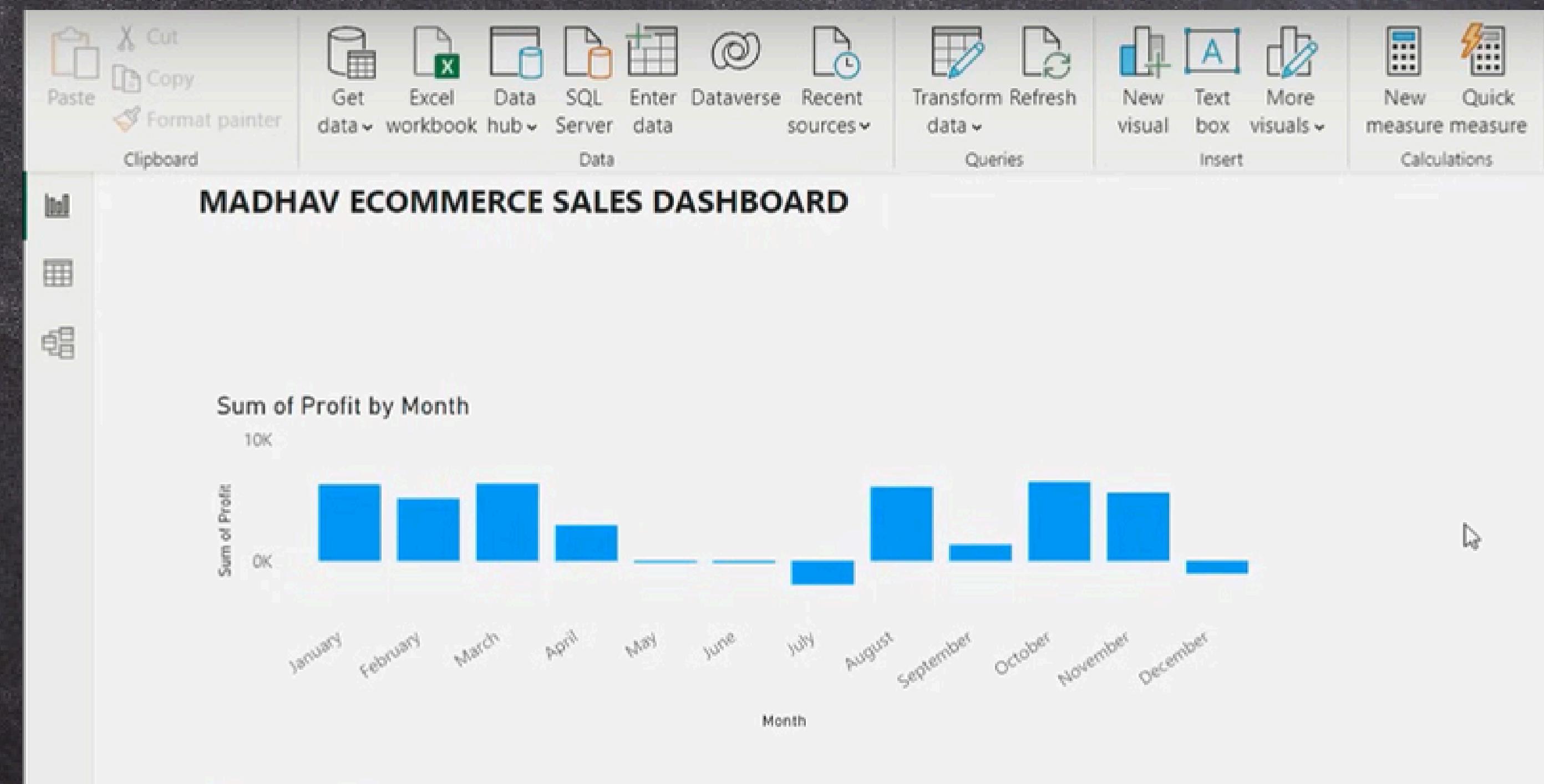
RELATION BETWEEN DATABASE



IN POWER BI, MOST PROBABLY IT SELECT THE COMMON COLUMN BY ITSELF ONLY. HERE IT IS ORDER_ID COLUMN

REPORT VIEW

VISUALS



STACKED COLUMN CHART

BACKGROUND

TITLE OF OUR DASHBOARD



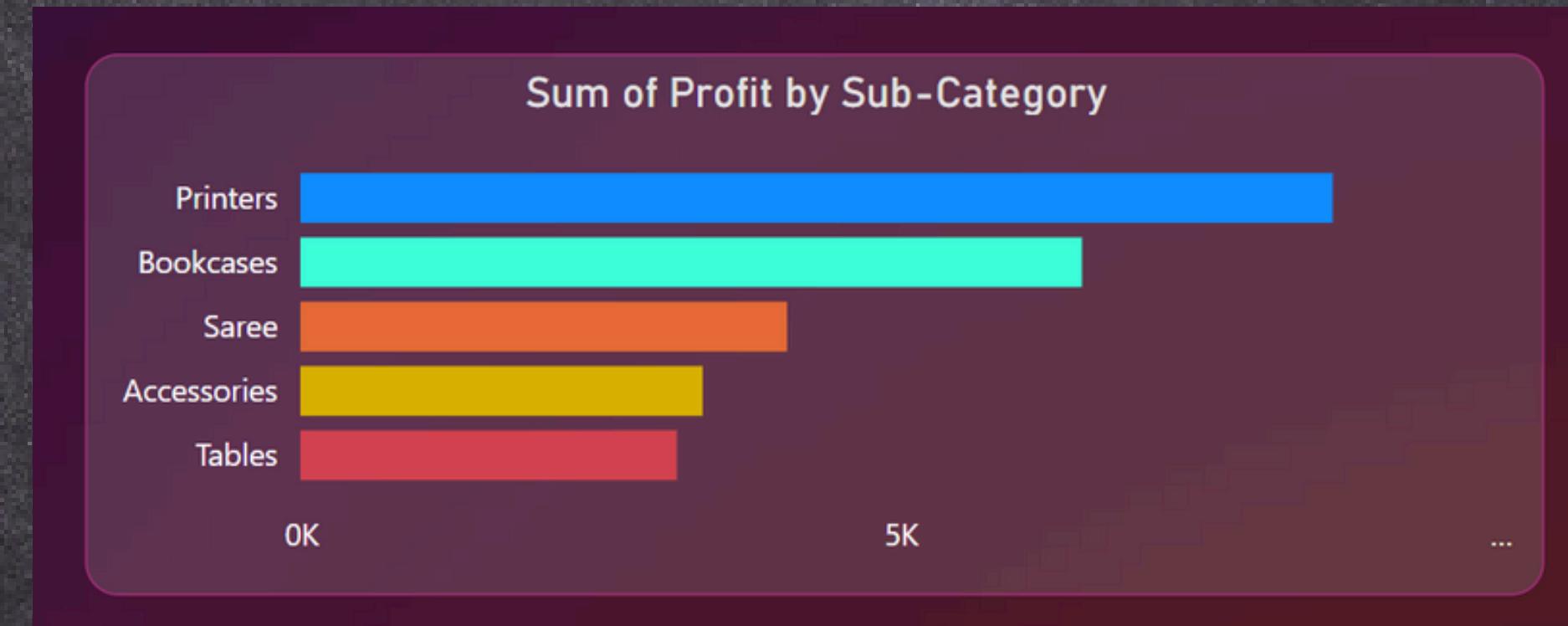
- This is Report view, here we make the entire visuals i.e Dashboard
- Now we had applied a custom background
- We can apply by ourself otherwise there will be default background i.e white colour



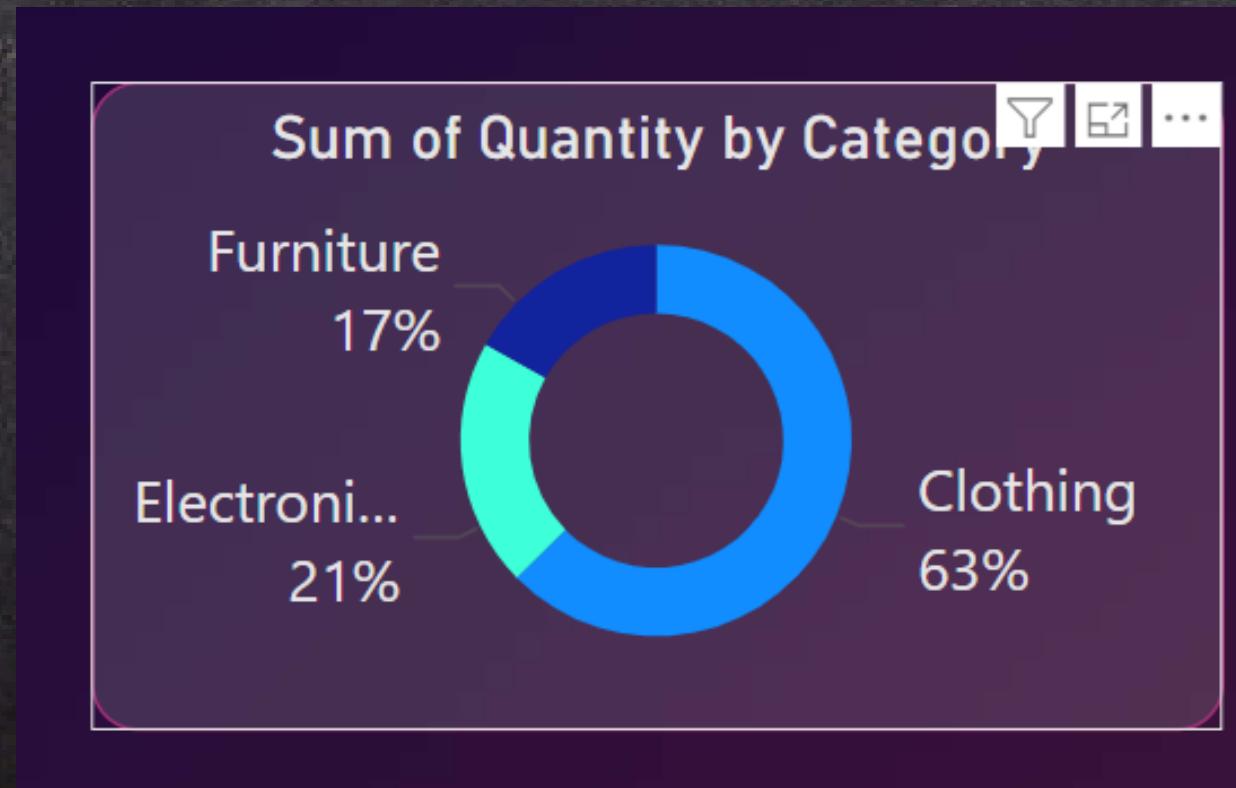
Types of charts



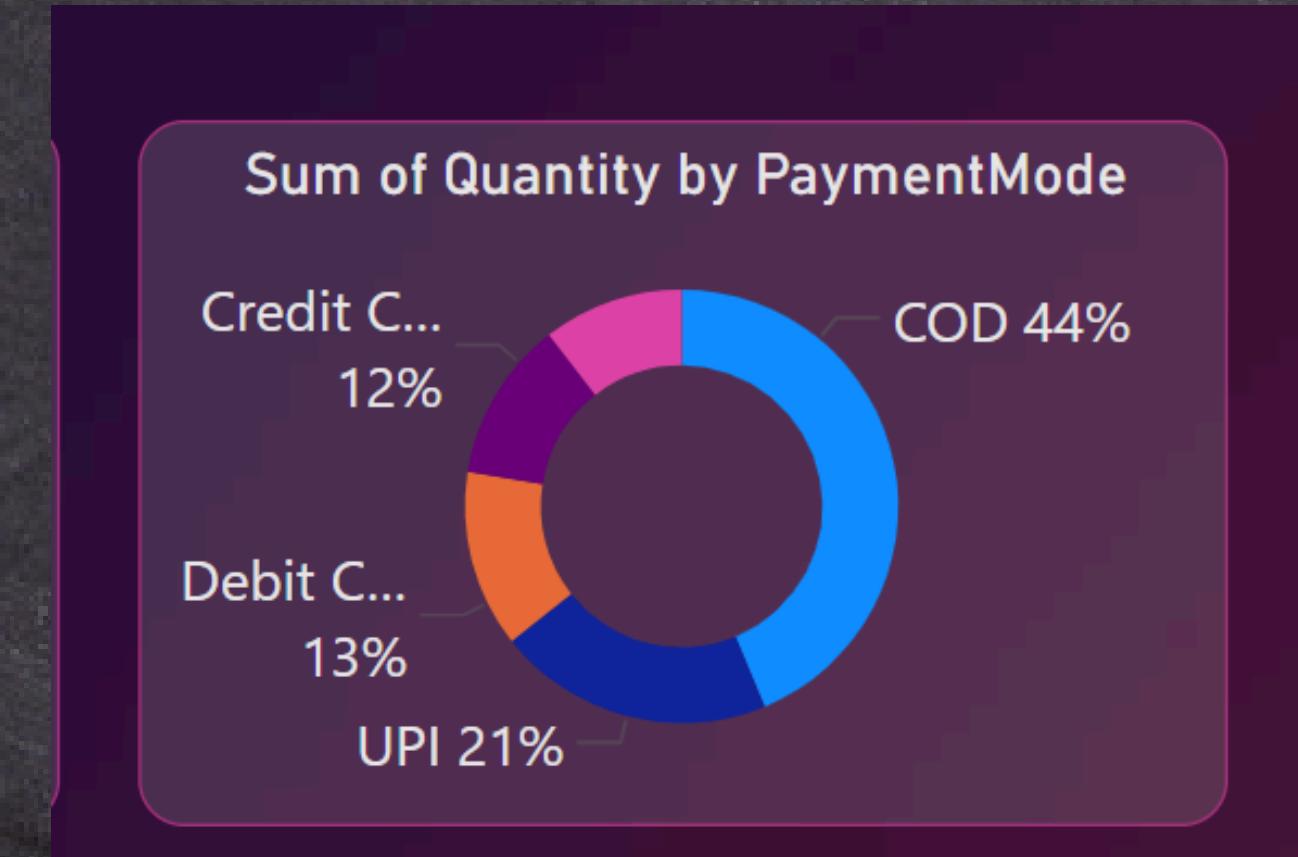
STACKED COLUMN CHART



STACKED BAR CHART

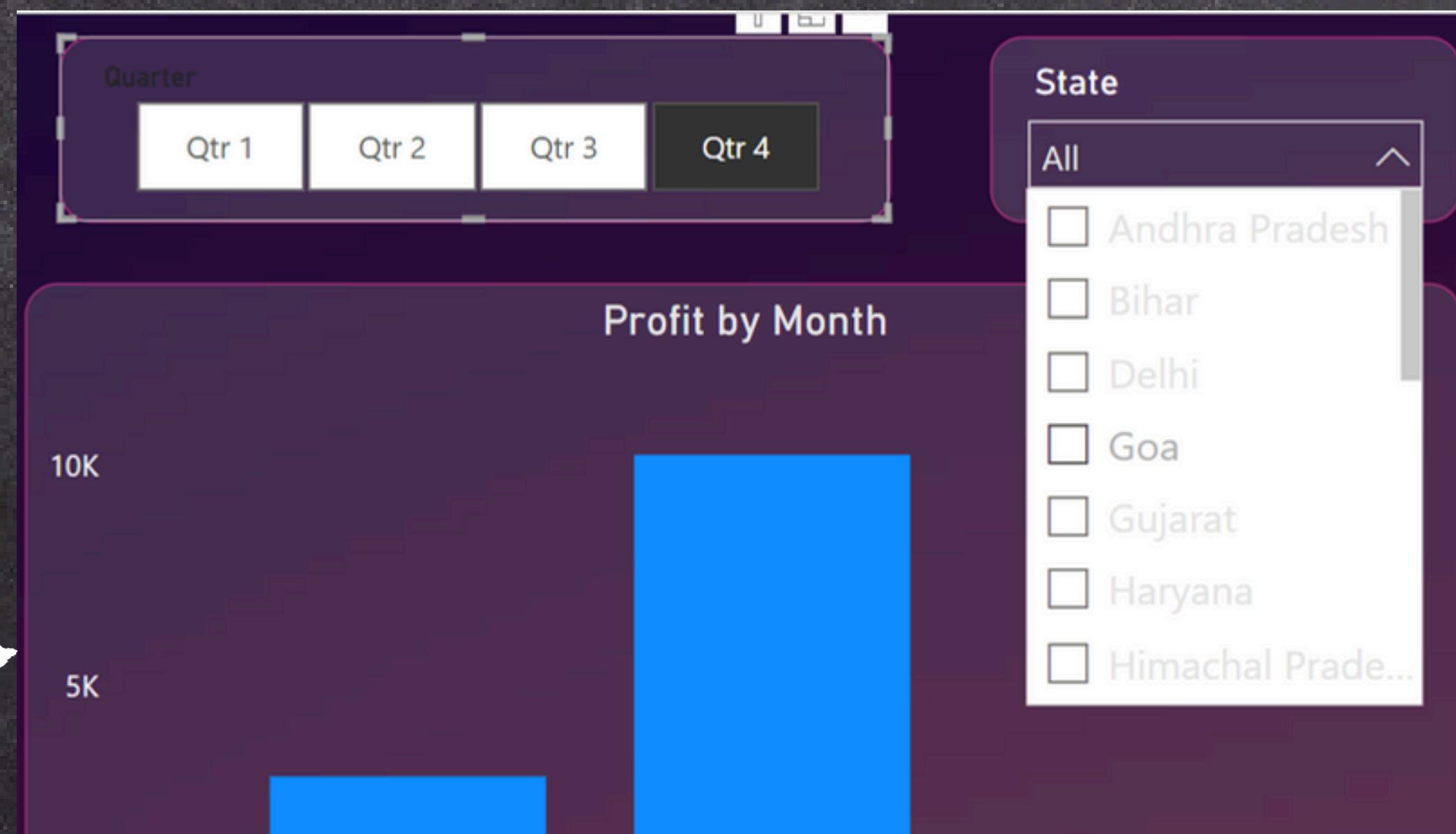


PIE CHART



FILTERS AND AGGRIGATION

- Quater wise Filter



State wise Aggrigation

FINAL DASHBOARD

