

E-Commerce Sales Analysis using Power BI

1. Colculated columns:

Power BI Assignment2 • Last saved: 9/13/2025 at 3:05 PM

File Home Help Table tools Column tools

Name: Revenue Format: Whole number Summarization: Sum Data type: Whole number Data category: Uncategorized

Structure Formatting Properties Sort Data groups Relationships Calculations

1 Revenue = 'Order Details'[Amount]*'Order Details'[Quantity]

Order ID	Amount	Profit	Quantity	Category	Sub-Category	Category type	Revenue	Sales Category
B-25602	561	212	3	Clothing	Saree	ClothingSaree	1683	Above average
B-25602	119	-5	8	Clothing	Saree	ClothingSaree	952	Below average
B-25603	193	-166	3	Clothing	Saree	ClothingSaree	579	Below average
B-25604	157	5	9	Clothing	Saree	ClothingSaree	1413	Below average
B-25605	75	0	7	Clothing	Saree	ClothingSaree	525	Below average
B-25609	25	-5	4	Clothing	Saree	ClothingSaree	100	Below average
B-25610	43	0	3	Clothing	Saree	ClothingSaree	129	Below average
B-25611	160	-59	2	Clothing	Saree	ClothingSaree	320	Below average
B-25613	1603	0	9	Clothing	Saree	ClothingSaree	14427	Above average
B-25619	353	90	8	Clothing	Saree	ClothingSaree	2824	Above average
B-25622	534	0	3	Clothing	Saree	ClothingSaree	1602	Above average
B-25623	149	-87	4	Clothing	Saree	ClothingSaree	596	Below average
B-25625	635	-349	5	Clothing	Saree	ClothingSaree	3175	Above average
B-25628	24	-9	4	Clothing	Saree	ClothingSaree	96	Below average
B-25633	711	-8	4	Clothing	Saree	ClothingSaree	2844	Above average
B-25635	382	30	3	Clothing	Saree	ClothingSaree	1146	Above average
B-25636	637	113	5	Clothing	Saree	ClothingSaree	3185	Above average
B-25640	122	-47	4	Clothing	Saree	ClothingSaree	488	Below average
B-25646	20	-8	2	Clothing	Saree	ClothingSaree	40	Below average
B-25647	42	-6	4	Clothing	Saree	ClothingSaree	168	Below average
B-25648	55	-26	4	Clothing	Saree	ClothingSaree	220	Below average
B-25648	130	-41	4	Clothing	Saree	ClothingSaree	520	Below average

Table: Order Details (1,500 rows) Column: Revenue (845 distinct values)

30°C Light rain

Power BI Assignment2 • Last saved: 9/13/2025 at 3:05 PM

File Home Help Table tools Column tools

Name: Category type Format: Text Summarization: Don't summarize Data type: Text Data category: Uncategorized

Structure Formatting Properties Sort Data groups Relationships Calculations

1 Category type = Concatenate('Order Details'[Category], 'Order Details'[Sub-Category])

Order ID	Amount	Profit	Quantity	Category	Sub-Category	Category type	Revenue	Sales Category
B-25602	561	212	3	Clothing	Saree	ClothingSaree	1683	Above average
B-25602	119	-5	8	Clothing	Saree	ClothingSaree	952	Below average
B-25603	193	-166	3	Clothing	Saree	ClothingSaree	579	Below average
B-25604	157	5	9	Clothing	Saree	ClothingSaree	1413	Below average
B-25605	75	0	7	Clothing	Saree	ClothingSaree	525	Below average
B-25609	25	-5	4	Clothing	Saree	ClothingSaree	100	Below average
B-25610	43	0	3	Clothing	Saree	ClothingSaree	129	Below average
B-25611	160	-59	2	Clothing	Saree	ClothingSaree	320	Below average
B-25613	1603	0	9	Clothing	Saree	ClothingSaree	14427	Above average
B-25619	353	90	8	Clothing	Saree	ClothingSaree	2824	Above average
B-25622	534	0	3	Clothing	Saree	ClothingSaree	1602	Above average
B-25623	149	-87	4	Clothing	Saree	ClothingSaree	596	Below average
B-25625	635	-349	5	Clothing	Saree	ClothingSaree	3175	Above average
B-25628	24	-9	4	Clothing	Saree	ClothingSaree	96	Below average
B-25633	711	-8	4	Clothing	Saree	ClothingSaree	2844	Above average
B-25635	382	30	3	Clothing	Saree	ClothingSaree	1146	Above average
B-25636	637	113	5	Clothing	Saree	ClothingSaree	3185	Above average
B-25640	122	-47	4	Clothing	Saree	ClothingSaree	488	Below average
B-25646	20	-8	2	Clothing	Saree	ClothingSaree	40	Below average
B-25647	42	-6	4	Clothing	Saree	ClothingSaree	168	Below average
B-25648	55	-26	4	Clothing	Saree	ClothingSaree	220	Below average
B-25648	130	-41	4	Clothing	Saree	ClothingSaree	520	Below average

Table: Order Details (1,500 rows) Column: Category type (17 distinct values)

30°C Light rain

Power BI Assignment2 • Last saved: 9/13/2025 at 3:05 PM

File Home Help Table tools Column tools

Name: Sales Category Format: Text Summarization: Don't summarize Data type: Text Data category: Uncategorized Sort by column: Sort Data groups: Groups Manage relationships: Relationships New column: Calculations

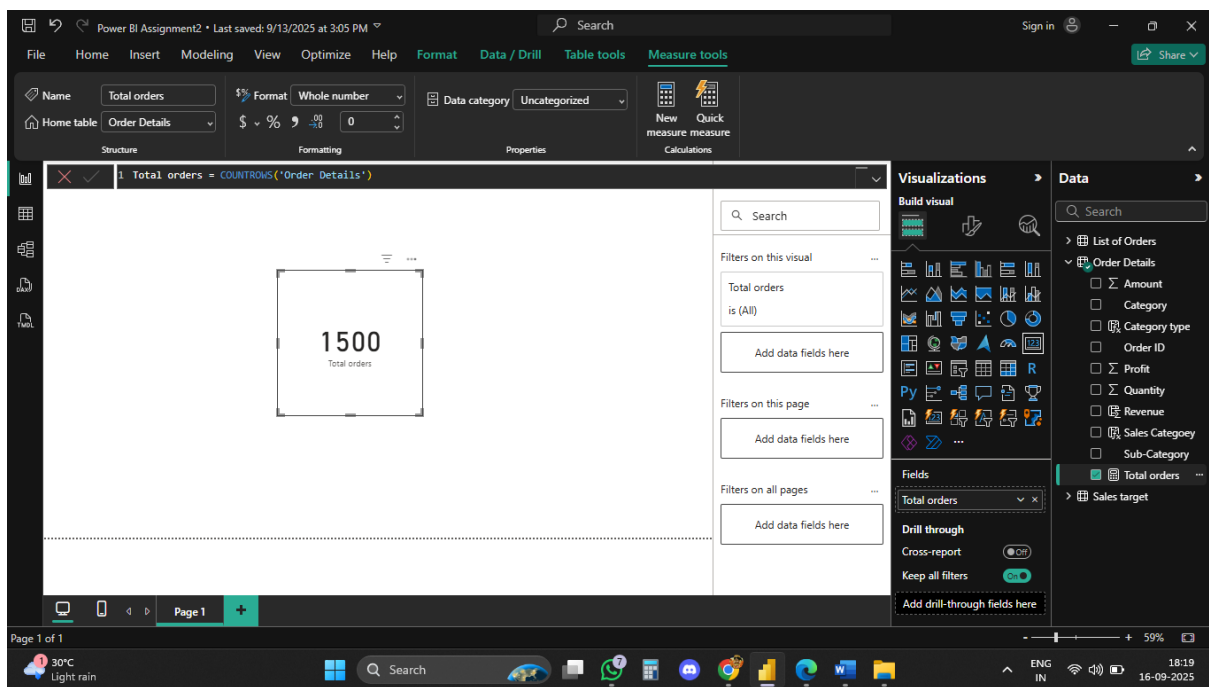
1 Sales Category = IF(AVERAGE('Order Details'[Amount])<'Order Details'[Amount], "Above average", "Below average")

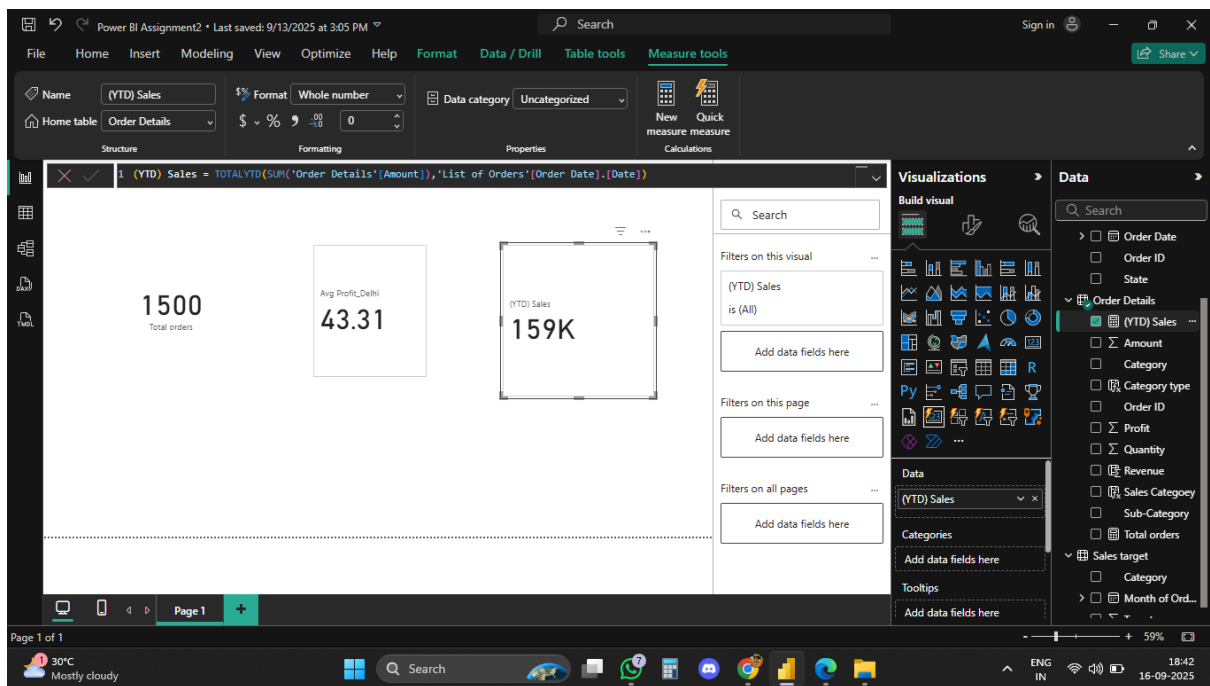
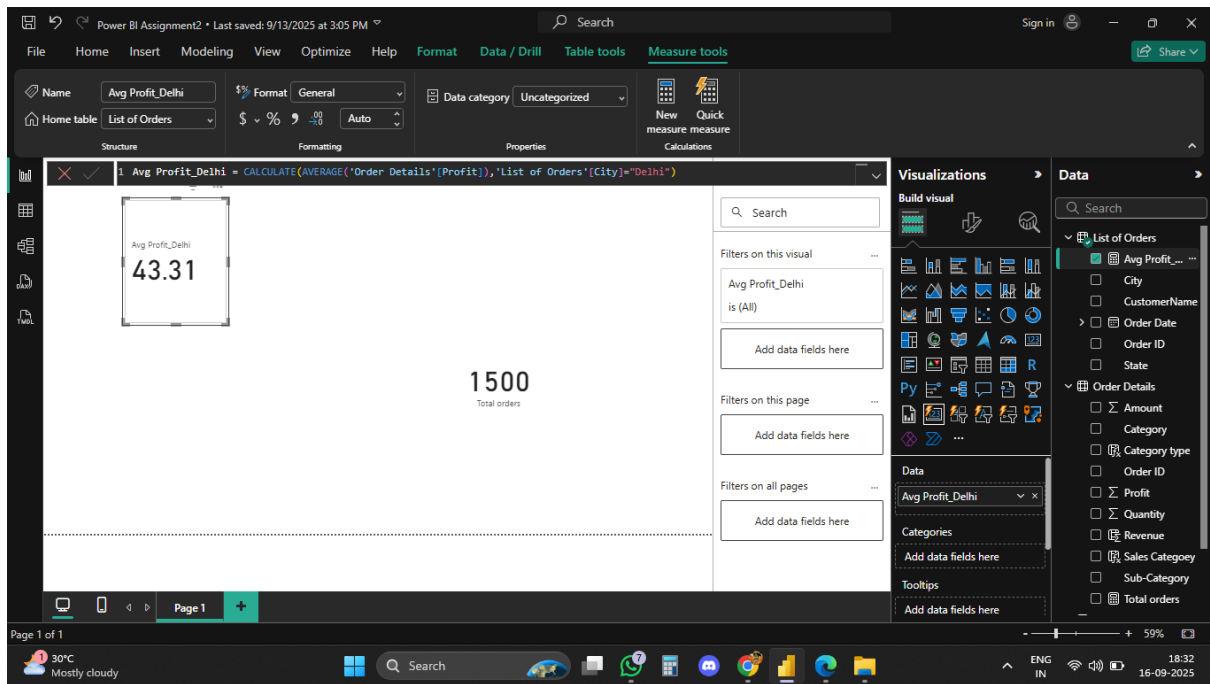
Order ID	Amount	Profit	Quantity	Category	Sub-Category	Category type	Revenue	Sales Category
B-25602	561	212	3	Clothing	Saree	ClothingSaree	1683	Above average
B-25602	119	-5	8	Clothing	Saree	ClothingSaree	952	Below average
B-25603	193	-166	3	Clothing	Saree	ClothingSaree	579	Below average
B-25604	157	5	9	Clothing	Saree	ClothingSaree	1413	Below average
B-25605	75	0	7	Clothing	Saree	ClothingSaree	525	Below average
B-25609	25	-5	4	Clothing	Saree	ClothingSaree	100	Below average
B-25610	43	0	3	Clothing	Saree	ClothingSaree	129	Below average
B-25611	160	-59	2	Clothing	Saree	ClothingSaree	320	Below average
B-25613	1603	0	9	Clothing	Saree	ClothingSaree	14427	Above average
B-25619	353	90	8	Clothing	Saree	ClothingSaree	2824	Above average
B-25622	534	0	3	Clothing	Saree	ClothingSaree	1602	Above average
B-25623	149	-87	4	Clothing	Saree	ClothingSaree	596	Below average
B-25625	635	-349	5	Clothing	Saree	ClothingSaree	3175	Above average
B-25628	24	-9	4	Clothing	Saree	ClothingSaree	96	Below average
B-25633	711	-8	4	Clothing	Saree	ClothingSaree	2844	Above average
B-25635	382	30	3	Clothing	Saree	ClothingSaree	1146	Above average
B-25636	637	113	5	Clothing	Saree	ClothingSaree	3185	Above average
B-25640	122	-47	4	Clothing	Saree	ClothingSaree	488	Below average
B-25646	20	-8	2	Clothing	Saree	ClothingSaree	40	Below average
B-25647	42	-6	4	Clothing	Saree	ClothingSaree	168	Below average
B-25648	55	-26	4	Clothing	Saree	ClothingSaree	220	Below average
B-25648	130	-41	4	Clothing	Saree	ClothingSaree	520	Below average

Table: Order Details (1,500 rows) Column: Sales Category (2 distinct values)

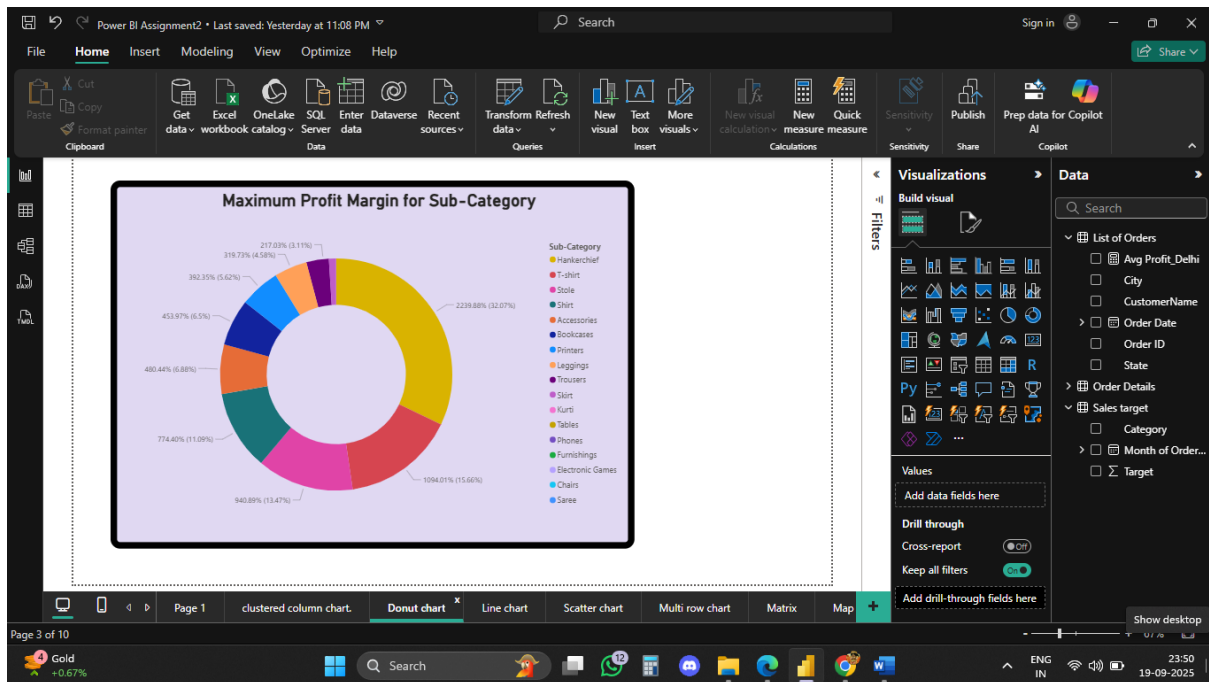
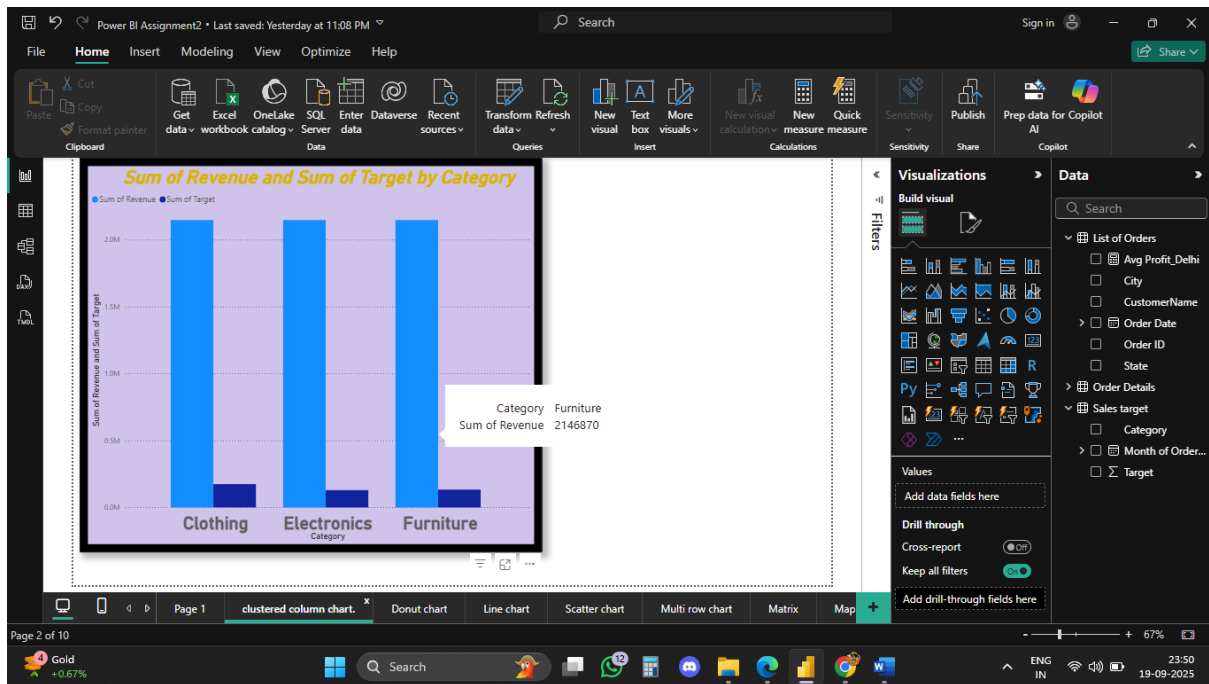
30°C Light rain

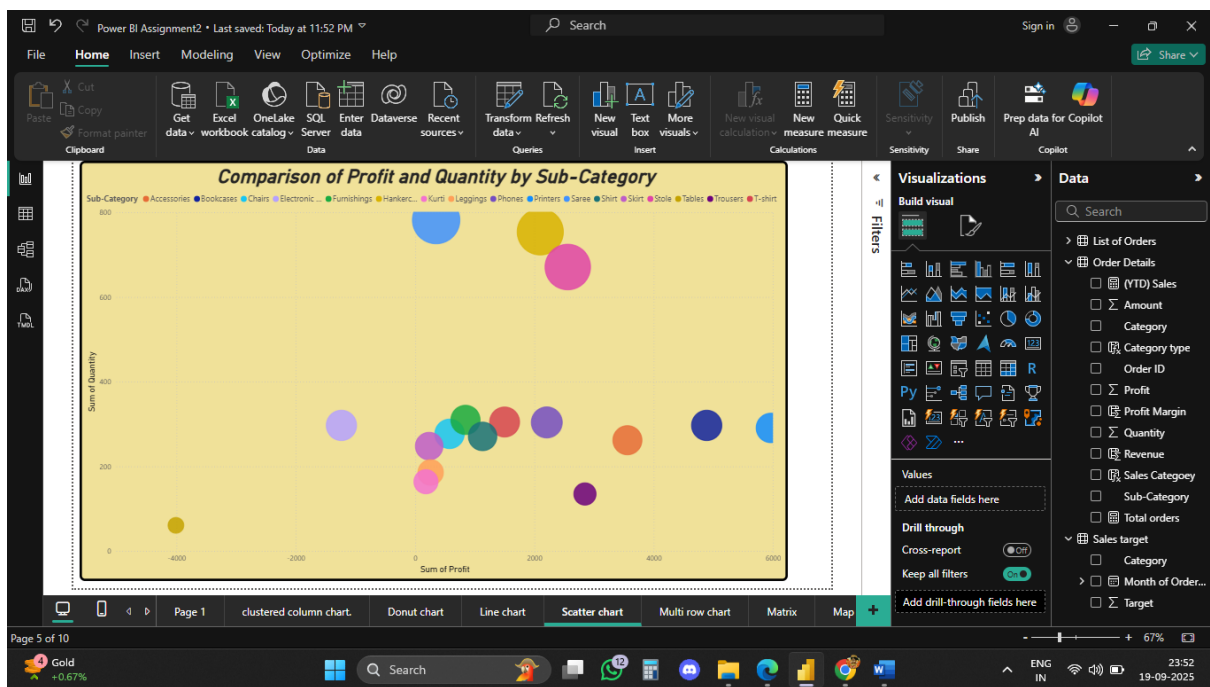
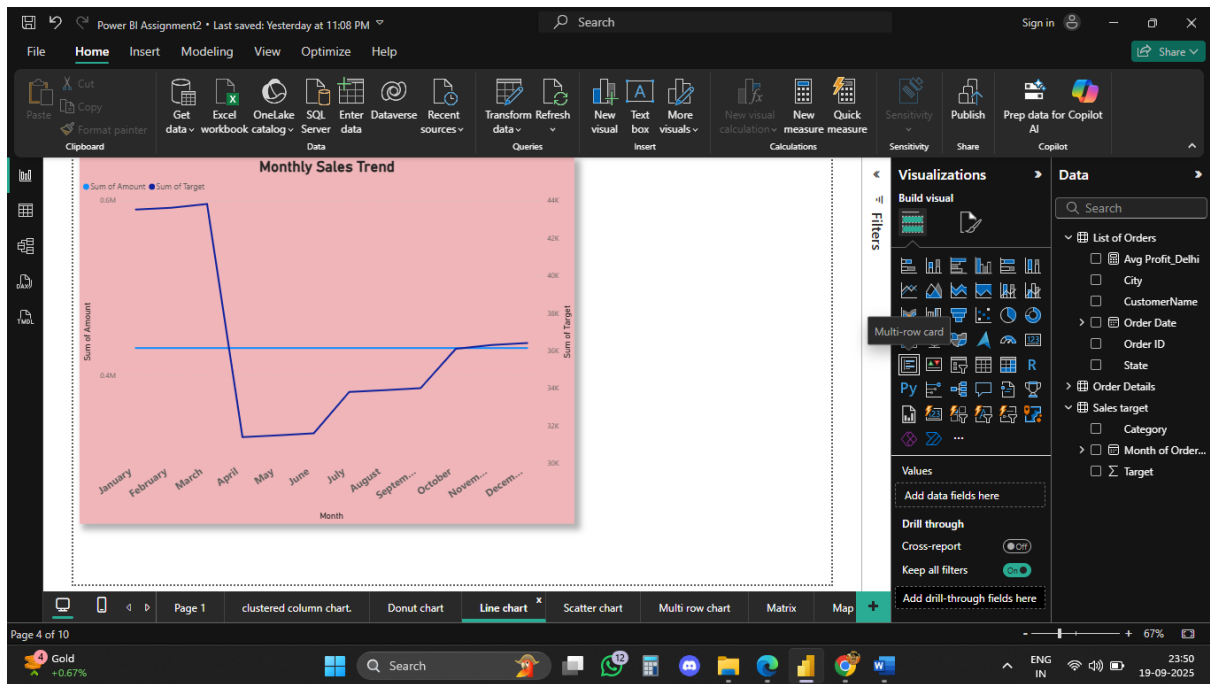
2. Calculated Measures:

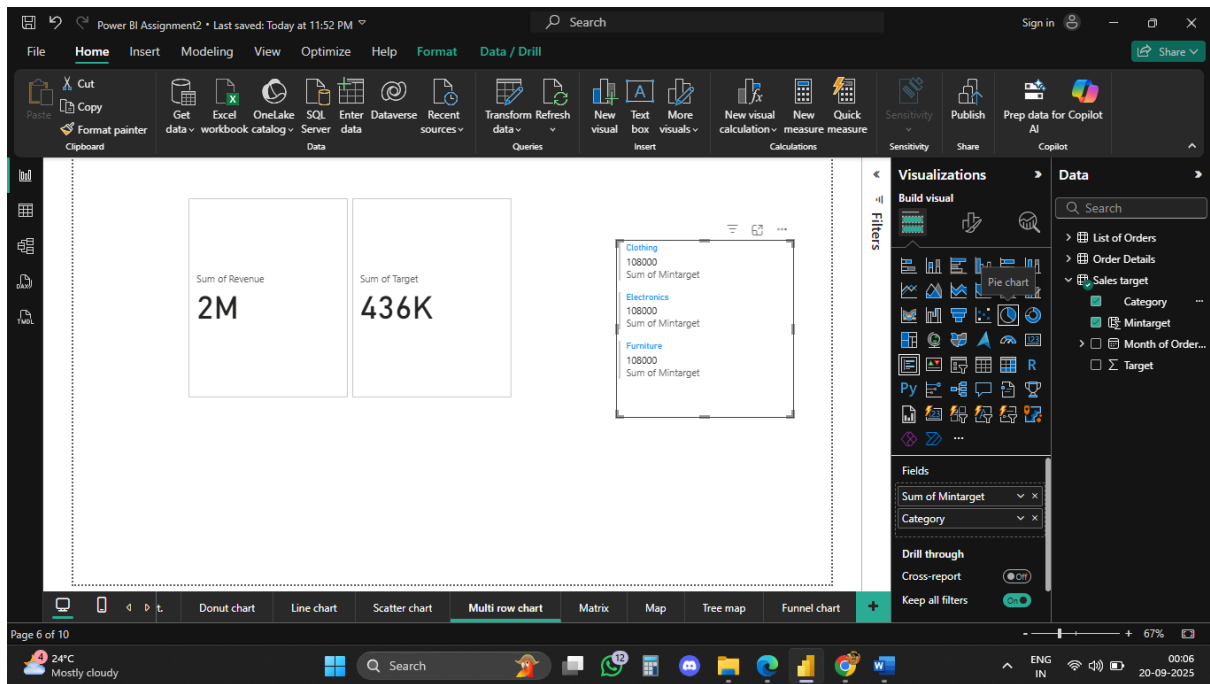




3.Data Visualization:







Power BI Assignment2 • Last saved: Today at 11:52 PM

File Home Insert Modeling View Optimize Help Format Data / Drill

Visualizations

Build visual

Filters

Fields

Rows

Columns

Values

Month	January	February	March	April	May	June
Category	Sum of Revenue	Sum of Target	Sum of Revenue	Sum of Target	Sum of Revenue	Sum of Target
Clothing	2146870	16000	2146870	16000	2146870	16000
Electronics	2146870	16000	2146870	16000	2146870	16000
Furniture	2146870	11500	2146870	11500	2146870	11500
Total	2146870	43500	2146870	43600	2146870	43800

Matrix

Page 7 of 10

24°C Mostly cloudy

Search

ENG IN

00:11

20-09-2025

