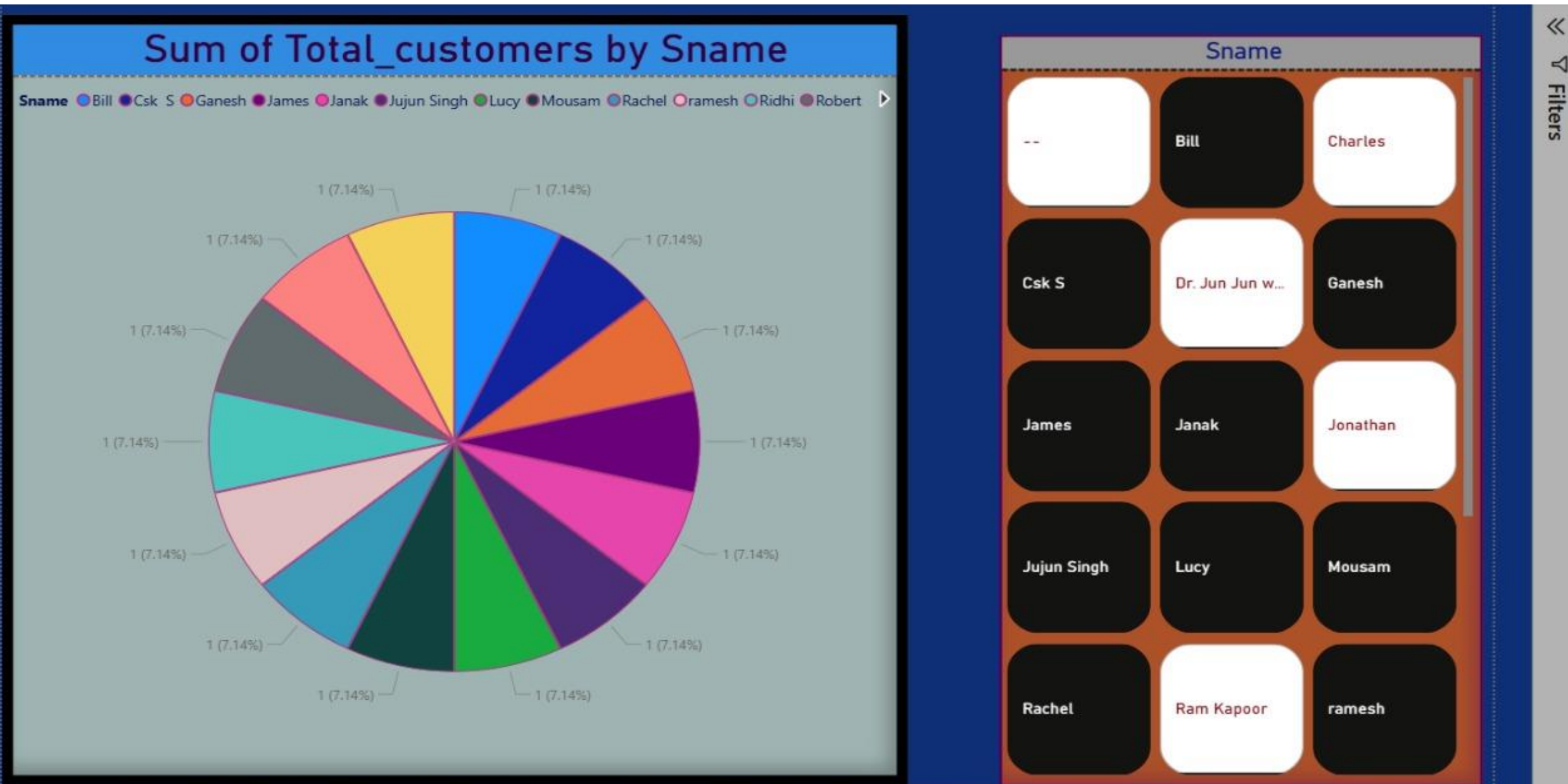
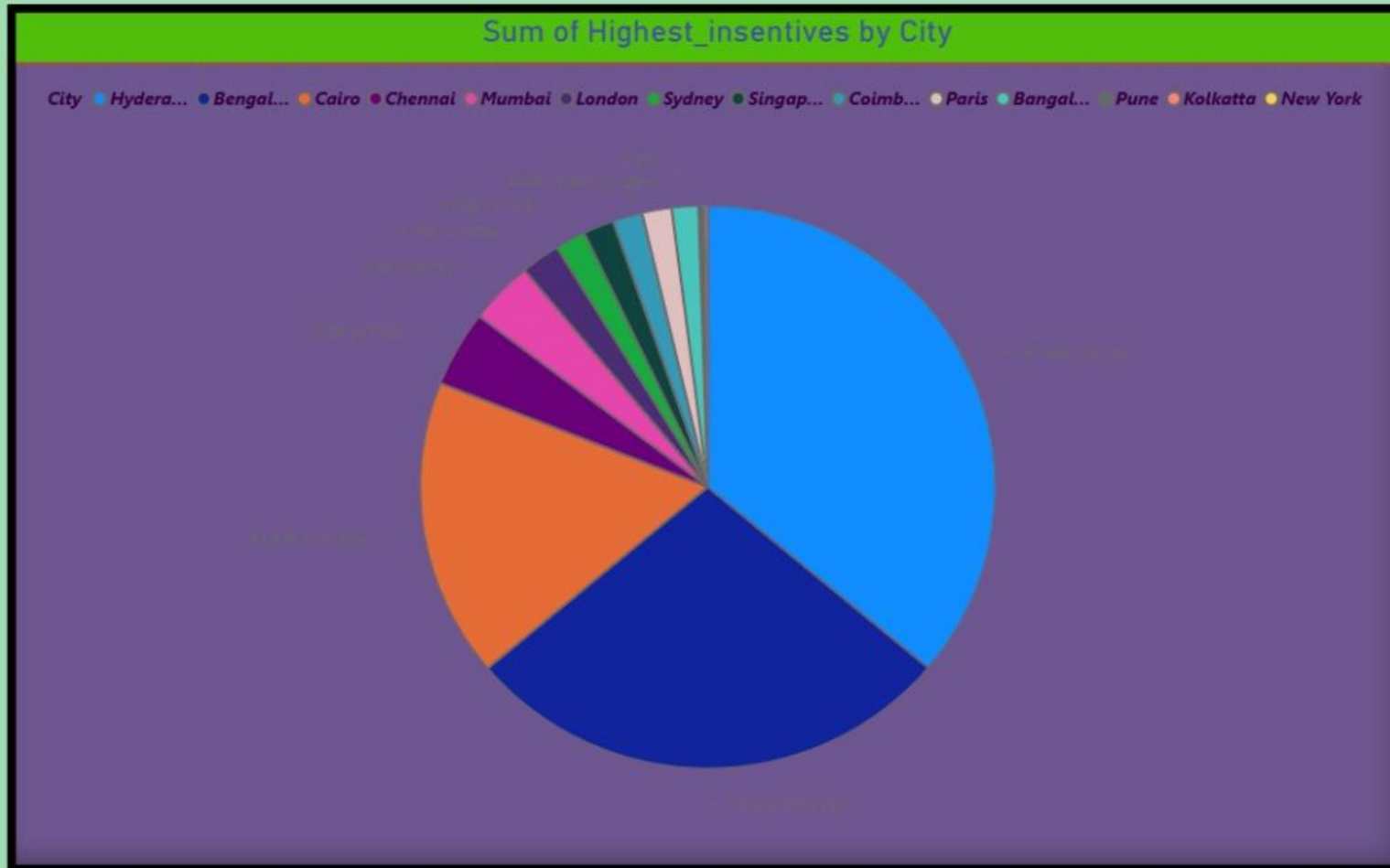


INVENTORY SALES MANAGEMENT PROJECT

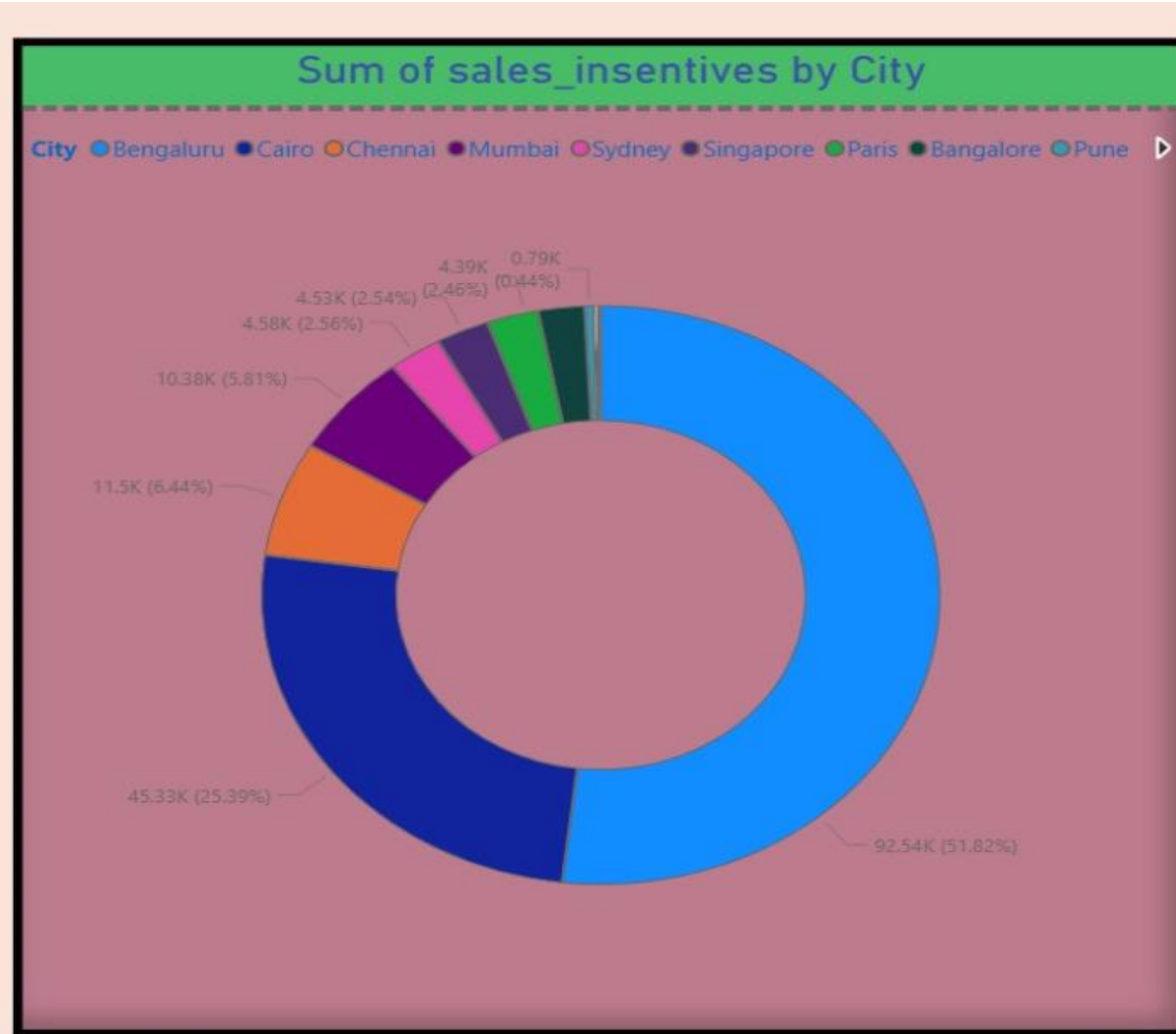
1) Create a pie chart which will display every salesman has how many customers.



2) Create a pie chart where city wise display every salesman earned highest insentives

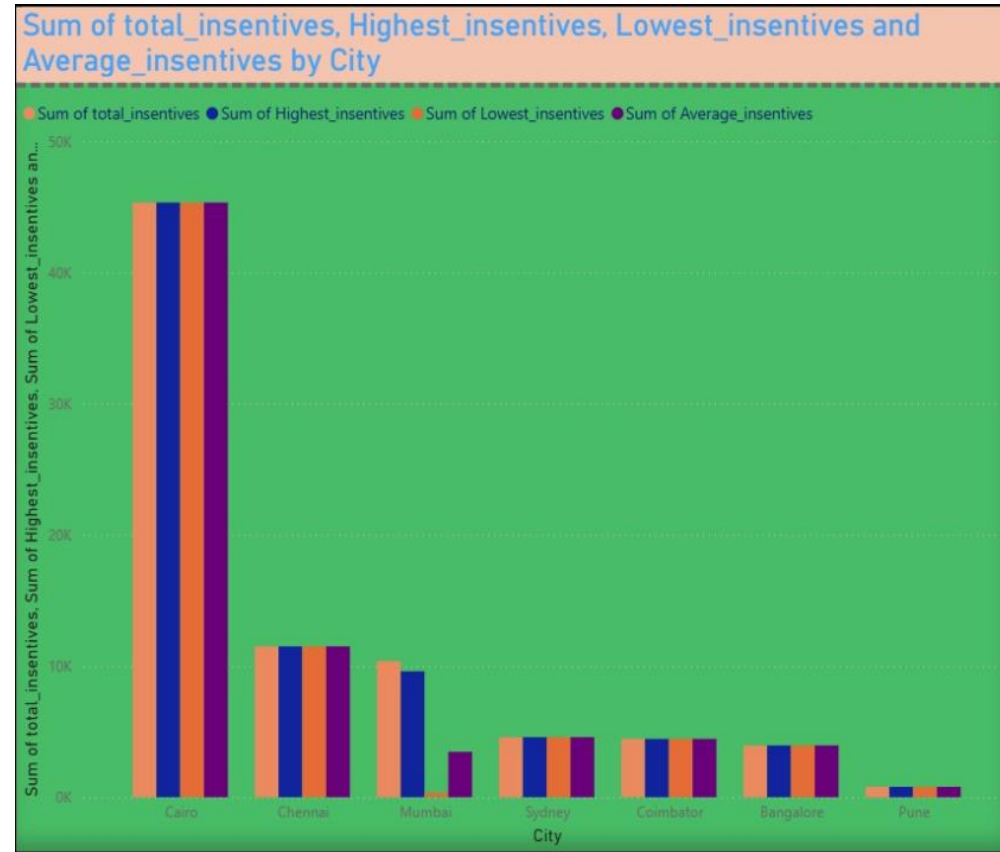


3) Create a donut chart to print city wise every sales incentives



4) Create a clustered column chart using a group by

	City	total_insentives	highest_customer	lowest_customer	average_customer
1	Mumbai	3089	1044	1001	1029.666667
2	new york	2045	1044	1001	1022.5
3	Bangalore	2662	1661	1001	1331
4	London	3884	1833	1007	1294.666667
5	Paris	1004	1004	1004	1004
6	Chicago	1987	1987	1987	1987
7	California	1661	1661	1661	1661
8	Chennai	1001	1001	1001	1001



City

- ☐ (Blank)
- ☒ Bangalore
- ☐ Bengaluru
- ☒ Cairo
- ☒ Chennai
- ☒ Coimbatore
- ☐ Hyderabad
- ☐ Kolkatta
- ☐ London
- ☒ Mumbai
- ☐ New York
- ☐ Paris
- ☒ Pune
- ☐ Singapore
- ☒ Sydney

5) Create a merge query where you will display all customer who are performing

The screenshot shows the Microsoft Power BI Desktop interface. The main window displays a query named "Table.NestedJoin(customers, {"Cnum"}, #"11th.orders", {"Cnum"}, "orders", JoinKind.Inner)". The query results are shown in a table with 5 columns and 6 rows. The columns are Cnum, Cname, City, Snum, and orders. The data is as follows:

Cnum	Cname	City	Snum	orders
2789	Lucy	Chicago	2987	Table
2088	Dr. Singh	Mumbai	1001	Table
2088	Shri Ajit	Bangalore	1001	Table
2177	Geet C	Paris	1004	Table
2082	Bill Clinton	London	1007	Table
2909	John Dikosta	California	1661	Table

A "Merge" dialog box is open, showing the selection of "customers" and "11th.orders" tables. The "Join Kind" is set to "Inner (only matching rows)". The dialog also shows a preview of the merged data:

Onum	Odate	Oamount	Cnum	Snum
3006	1/11/2015	54000	2789	1987
3009	7/16/2018	94999	2088	1001
3012	4/19/2018	12000	2177	1004
3015	5/23/2019	18000	2177	1004
3018	2/21/2019	23000	2088	1001

The status bar at the bottom indicates "5 COLUMNS, 6 ROWS" and "Column profiling based on top 1000 rows". The taskbar at the bottom shows the system clock as 3:35 PM on 11/20/2025.

6) Create a merge query where you will display all those customer who are not performing

INVENTORY SALES PROJECT

FileHomeTransformAdd ColumnViewToolsHelp

Close & Apply

New Source

Recent Sources

Enter Data

Data source settings

Manage Parameters

Refresh Preview

Properties

Advanced Editor

Manage

Choose Columns

Remove Columns

Keep Rows

Remove Rows

Sort

Split Column

Group By

Data Type: Whole Number

Use First Row as Headers

Replace Values

Merge Queries

Append Queries

Combine Files

Combine

Table.NestedJoin("#10th a)sales", {"Snum"}, customers, {"Snum"}, "customers", JoinKind.LeftAnti)

	Snum	Sname	City	Comm	sales_result	Index.1	customers
1	1056	Shri John	Pune		788	normal sales	4 Table
2	1686	Seema	Mumbai		333	good sales	5 Table
3	1089	Jonathan	Bengaluru		9353	normal sales	9 Table
4	1055	Ganesh	Colmbator		4444	normal sales	10 Table
5	1089	Lucy	London	4044.44	normal sales		11 Table
6	1094	Robert	New York	230.22	good sales		12 Table
7	1114	Sam	Bengaluru	9856	normal sales		13 Table
8	1087	Suresh	Sydney	4578	normal sales		14 Table
9	10780	Jujun Singh	Singapore	4533	normal sales		15 Table
10	1933	Rachel	Cairo	45333	normal sales		16 Table
11	7333	Mousam	Kolkatta	343	good sales		17 Table
12	1023	Charles	Hyderabad	95355.44	normal sales		18 Table
13	1099	Bill	Hyderabad	67894.11	normal sales		19 Table
14	1056	Csk 5	Bengaluru	73333.77	normal sales		20 Table

7 COLUMNS, 14 ROWS Column profiling based on top 1000 rows

Merge

Select tables and matching columns to create a merged table.

10th a)sales

Snum	Sname	City	Comm	sales_result	Index.1
1001	James	London	5776	normal sales	0
1044	Janak	Mumbai	456	good sales	1
1004	ramesh	Mumbai	9595	normal sales	2
1007	Dr. Jun Jun wala	London	49	average_sales	3
1056	Shri John	Pune	788	normal sales	4

customers

Cnum	Cname	City	Snum
2001	Jalpa	Mumbai	1044
2044	Rahul	new york	1001
2088	Dr. Singh	Mumbai	1001
2088	Shri Ajit	Bangalore	1001
2082	Bill Clinton	London	1007

Join Kind

Left Anti (rows only in first)

☐ Use fuzzy matching to perform the merge

Fuzzy matching options

PREVIEW DOWNLOADED AT 12:19 PM

Rainy days ahead 28°C

Search

W

22

ENG IN

3:52 PM 11/20/2025

7) Create a bar chart where you will print the total, highest, average, minimum sales and total number of sales ppl working in each city

Group By

Specify the columns to group by and one or more outputs.

☐ Basic ☒ Advanced

City

▼

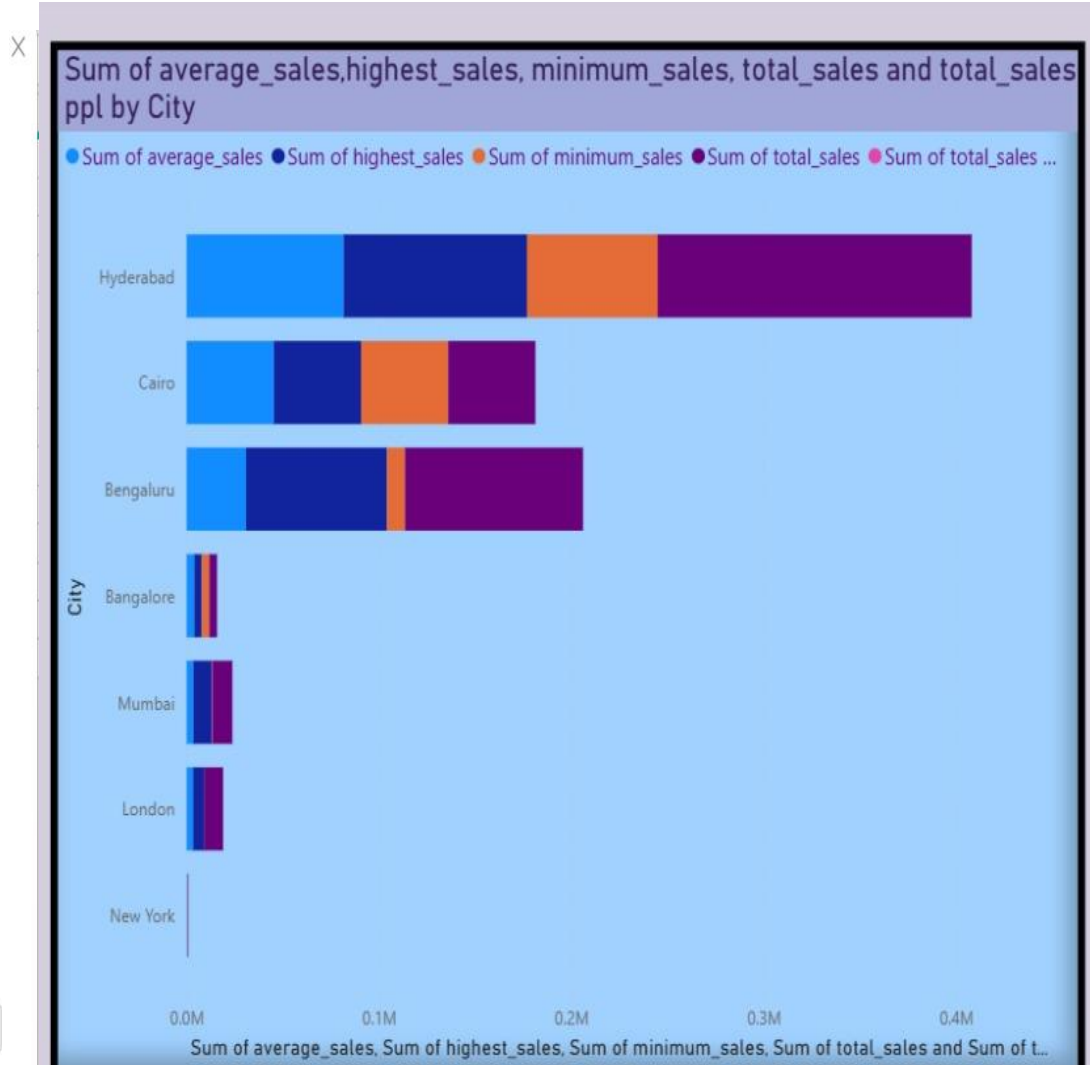
Add grouping

New column name	Operation	Column
<div>total_sales</div>	<div>Sum</div> <div>▼</div>	<div>Comm</div> <div>▼</div>
<div>highest_sales</div>	<div>Max</div> <div>▼</div>	<div>Comm</div> <div>▼</div>
<div>minimum_sales</div>	<div>Min</div> <div>▼</div>	<div>Comm</div> <div>▼</div>
<div>average_sales</div>	<div>Average</div> <div>▼</div>	<div>Comm</div> <div>▼</div>
<div>total_sales ppl</div>	<div>Count Rows</div> <div>▼</div>	<div></div> <div>▼</div>

Add aggregation

OK

Cancel



City

--

Bangal...

Bengal...

Cairo

Chennai

Coimba...

Hydera...

Kolkatta

London

Ask a question about your data

Try one of these to get started

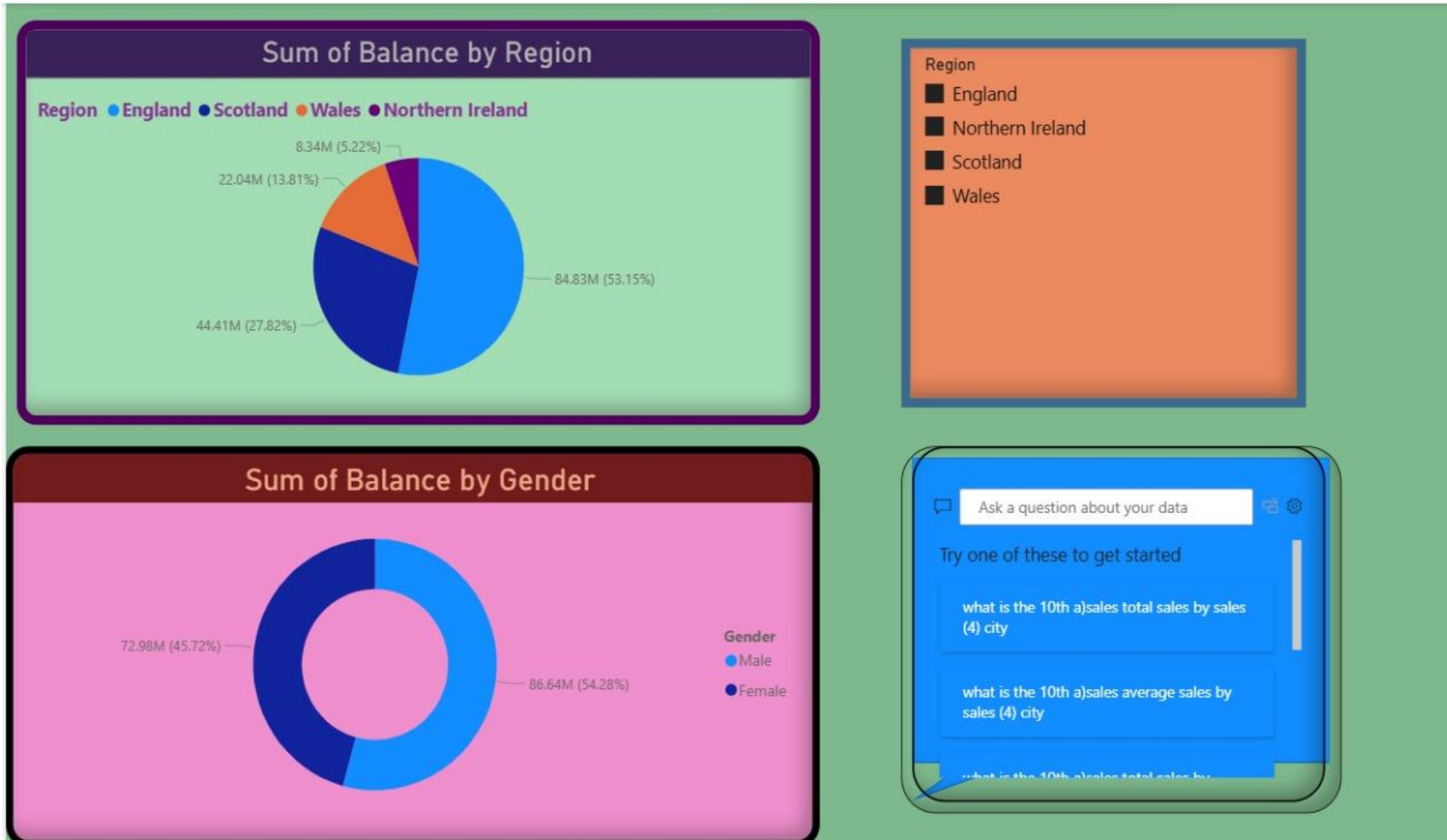
what is the 10th a)sales total sales by sales (4) city

what is the 10th a)sales average sales by sales (4) city

8) Create line chart using sales target data set and print the comparison of highest, lowest and actual sales using (button slicer or regular slicer)



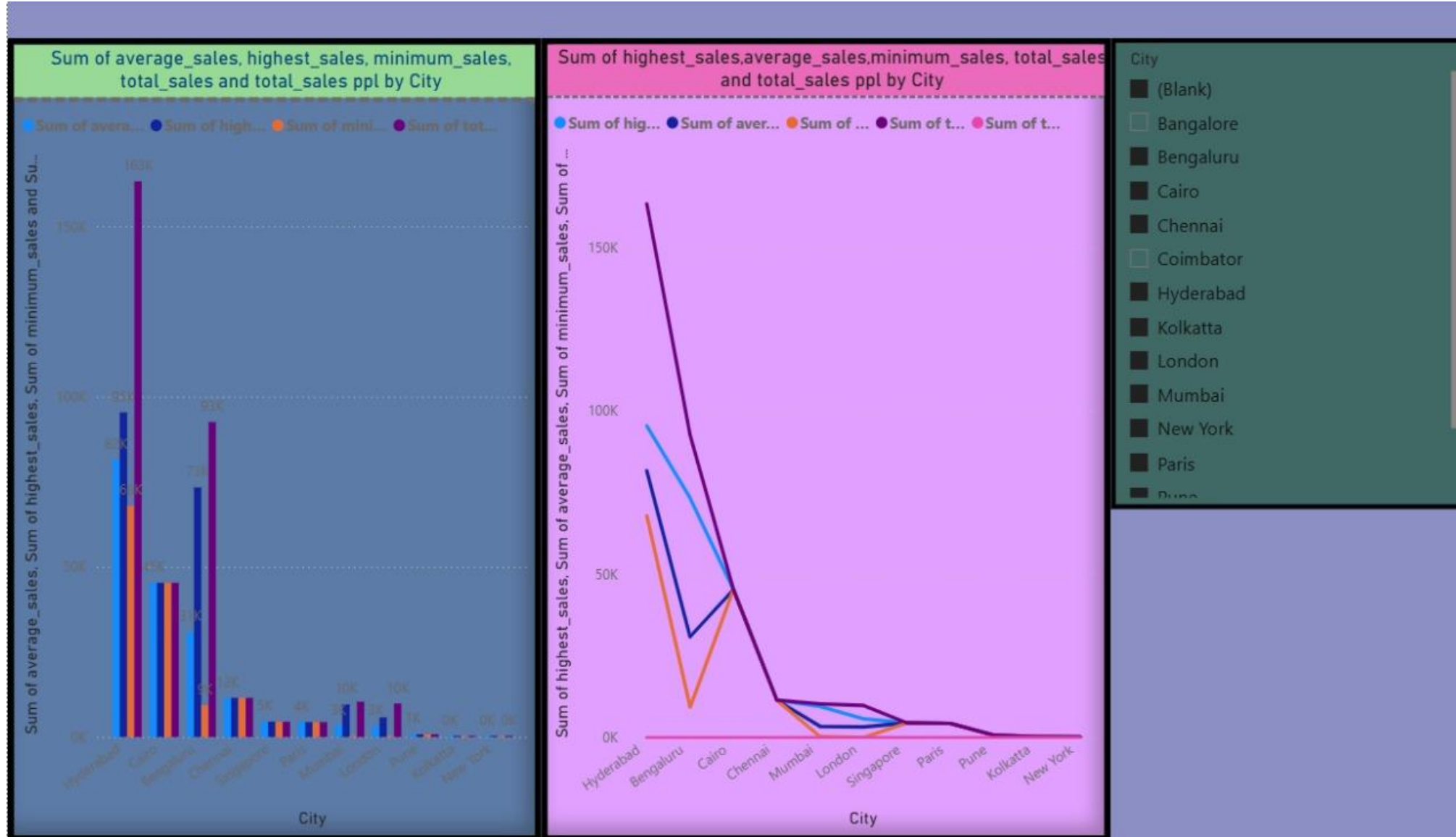
9) Create a dash board which will have a pie chart and donut chart region wise bank balance and gender wise bank balance



10 a) create a copy of the sales ppl data set and you will create the 5 dax function (lowest, highest, average sale, total no of sales ppl and total insentives) 3 dax function stored in the column and 2 dax function to be the stored in measure

Snum	Sname	City	Comm	highest_sales	lowest_sales	TOTAL_INSENTIVES	sales_result	Index.1
1001	James	London	5776	95355.44	49	577.6	normal sales	0
1044	Janak	Mumbai	456	95355.44	49	45.6	good sales	1
1004	ramesh	Mumbai	9595	95355.44	49	959.5	normal sales	2
1007	Dr. Jun Jun wala	London	49	95355.44	49	4.9	average_sales	3
1056	Shri John	Pune	788	95355.44	49	78.8	normal sales	4
1686	Seema	Mumbai	333	95355.44	49	33.3	good sales	5
1661	Suganya	Bangalore	3949	95355.44	49	394.9	normal sales	6
1833	Ram Kapoor	Chennai	11500	95355.44	49	1150	normal sales	7
1987	Ridhi	Paris	4392	95355.44	49	439.2	normal sales	8
1089	Jonathan	Bengaluru	9353	95355.44	49	935.3	normal sales	9
1055	Ganesh	Coimbatore	4444	95355.44	49	444.4	normal sales	10
1089	Lucy	London	4044.44	95355.44	49	404.444	normal sales	11
1094	Robert	New York	230.22	95355.44	49	23.022	good sales	12
1114	Sam	Bengaluru	9856	95355.44	49	985.6	normal sales	13
1087	Suresh	Sydney	4578	95355.44	49	457.8	normal sales	14
10780	Jujun Singh	Singapore	4533	95355.44	49	453.3	normal sales	15
1933	Rachel	Cairo	45333	95355.44	49	4533.3	normal sales	16
7333	Mousam	Kolkatta	343	95355.44	49	34.3	good sales	17
1023	Charles	Hyderabad	95355.44	95355.44	49	9535.544	normal sales	18
1099	Bill	Hyderabad	67894.11	95355.44	49	6789.411	normal sales	19
1056	Csk S	Bengaluru	73333.77	95355.44	49	7333.377	normal sales	20

10 b) you will create a clustered column and line chart and store in the new power bi file to create a separate dashboard and add normal slicer to it



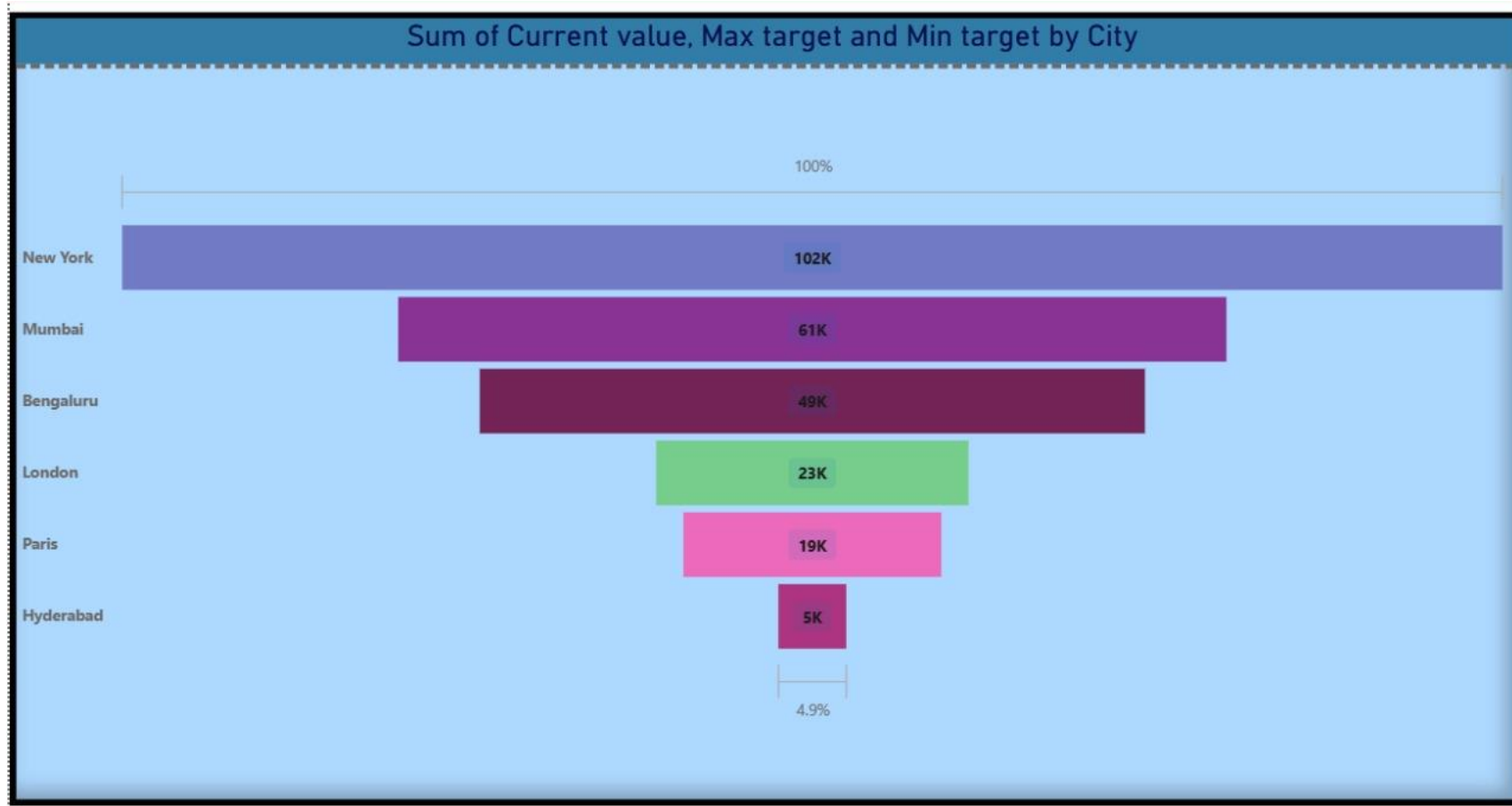
11) Create a new of power bi for multi row record and another page in the same dashboard will have tables and add slicer to it

MULTI ROW RECORDS OF AN ORDER TABLE							
2789	54000	2015	Qtr 1	January	11	3006	1987
Sum of Cnum	Sum of Oa...	Year	Quarter	Month	Day	Sum of Onum	Sum of Snum
2177	12000	2018	Qtr 2	April	19	3012	1004
Sum of Cnum	Sum of Oa...	Year	Quarter	Month	Day	Sum of Onum	Sum of Snum
2082	404	2018	Qtr 2	April	29	3027	1001
Sum of Cnum	Sum of Oa...	Year	Quarter	Month	Day	Sum of Onum	Sum of Snum
2088	94999	2018	Qtr 3	July	16	3009	1001
Sum of Cnum	Sum of Oa...	Year	Quarter	Month	Day	Sum of Onum	Sum of Snum
2789	45000	2018	Qtr 4	November	11	3021	1987
Sum of Cnum	Sum of Oa...	Year	Quarter	Month	Day	Sum of Onum	Sum of Snum
2177	23555	2019	Qtr 1	January	1	3033	1004
Sum of Cnum	Sum of Oa...	Year	Quarter	Month	Day	Sum of Onum	Sum of Snum
2088	23000	2019	Qtr 1	February	21	3018	1001
Sum of Cnum	Sum of Oa...	Year	Quarter	Month	Day	Sum of Onum	Sum of Snum
2082	3030	2019	Qtr 1	February	24	3030	1001
Sum of Cnum	Sum of Oa...	Year	Quarter	Month	Day	Sum of Onum	Sum of Snum
2909	78000	2019	Qtr 2	April	15	3024	1661
Sum of Cnum	Sum of Oa...	Year	Quarter	Month	Day	Sum of Onum	Sum of Snum
2177	18000	2019	Qtr 2	May	23	3015	1004
Sum of Cnum	Sum of Oa...	Year	Quarter	Month	Day	Sum of Onum	Sum of Snum
2789	3422	2020	Qtr 1	January	1	3078	1987

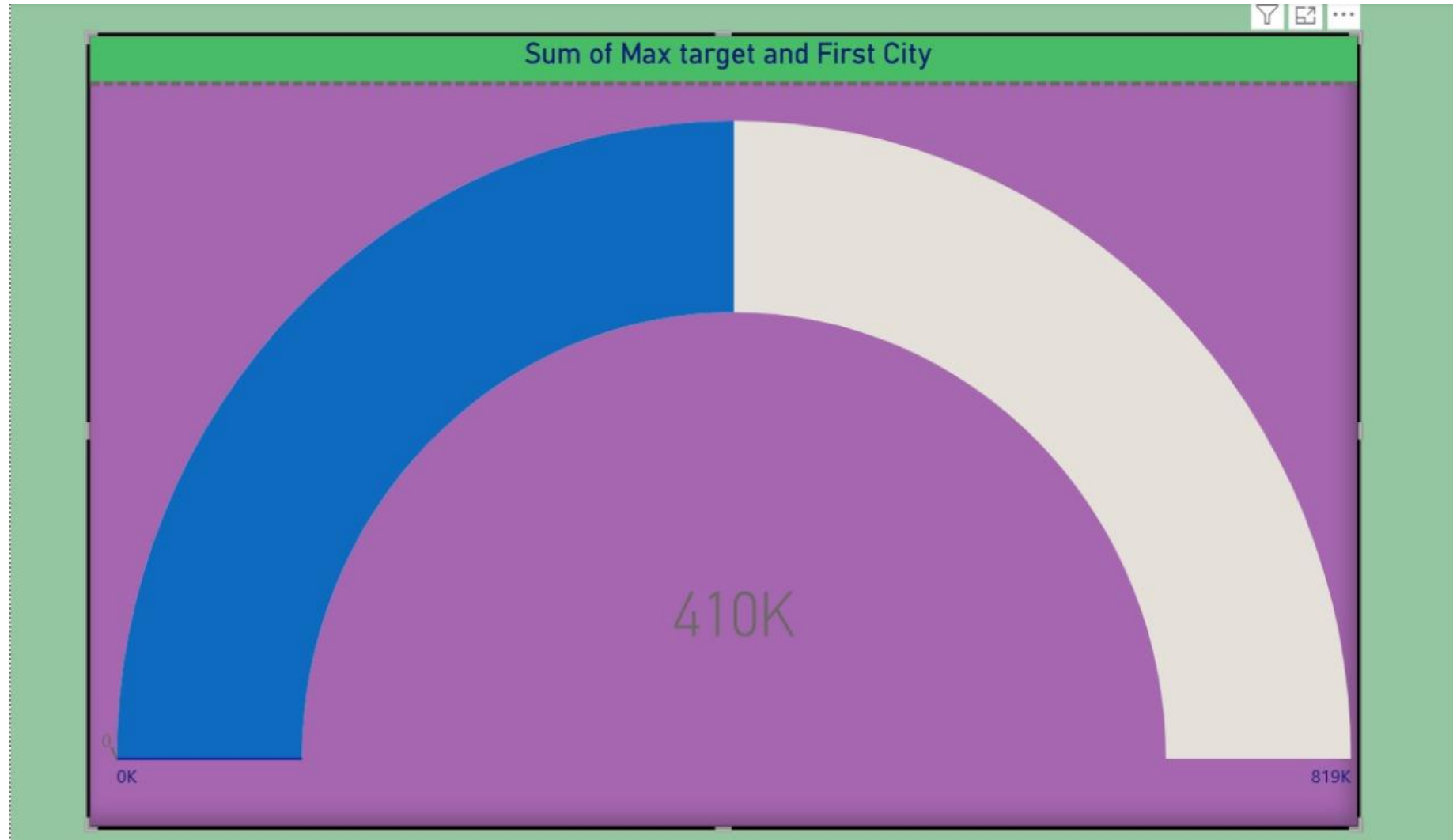
Snum

- 1001
- 1004
- 1661
- 1987

Create a funnel chart using (sales_target data sets)



13) Prepare a gauge chart with sales_target data set/data sets



14) Prepare a key influencer chart with slicer



15) In power query editor make a copy of the sales file and apply condition columns, indexing and split column concept

Add Conditional Column

Add a conditional column that is computed from the other columns or values.

New column name
sales result

	Column Name	Operator	Value		Output
If	Comm	is greater than	500	Then	good sale
Else If	Comm	is greater than	100	Then	normal sale
Else If	Comm	is greater than	2500	Then	great sale
Else If	Comm	is greater than or...	5000	Then	status sale

Add Clause

Else
average sale

OK Cancel

		= Table.AddColumn("#Added Conditional Column", "Index", 4, 2, Int64.Type)				
	<div><div></div><div>123</div><div>Snum</div></div>	<div><div></div><div>A^B_C</div><div>Sname</div></div>	<div><div></div><div>A^B_C</div><div>City</div></div>	<div><div></div><div>1.2</div><div>Comm</div></div>	<div><div></div><div>ABC 123</div><div>sales result</div></div>	<div><div></div><div>123</div><div>Index</div></div>
1	1001	James	London	5776	good sale	4
2	1044	Janak	Mumbai	456	normal sale	6
3	1004	ramesh	Mumbai	9595	good sale	8
4	1007	Dr. Jun Jun wala	London	49	average sale	10
5	1056	Shri John	Pune	788	good sale	12
6	1686	Seema	Mumbai	333	normal sale	14
7	1661	Suganya	Bangalore	3949	good sale	16
8	1833	Ram Kapoor	Chennai	11500	good sale	18
9	1987	Ridhi	Paris	4392	good sale	20
10	1089	Jonathan	Bengaluru	9353	good sale	22
11	1055	Ganesh	Coimbatore	4444	good sale	24
12	1089	Lucy	London	4044.44	good sale	26
13	1094	Robert	New York	230.22	normal sale	28
14	1114	Sam	Bengaluru	9856	good sale	30
15	1087	Suresh	Sydney	4578	good sale	32
16	10780	Jujun Singh	Singapore	4533	good sale	34
17	1933	Rachel	Cairo	45333	good sale	36
18	7333	Mousam	Kolkatta	343	normal sale	38
19	1023	Charles	Hyderabad	95355.44	good sale	40
20	1099	Bill	Hyderabad	67894.11	good sale	42
21	1056	Csk S	Bengaluru	73333.77	good sale	44

15)

✖		✓		fx		= Table.SplitColumn("#Duplicated Column", "Sname - Copy", Splitter.SplitTextByDelimiter(" ", QuoteStyle.Csv), {"Sname - Copy.1", "Sname - Copy.2", "Sname - Copy.3", "Sname - Copy.4"})							▼		
📊		im		ABC 123 sales result		123 Index		ABC Sname - Copy.1		ABC Sname - Copy.2		ABC Sname - Copy.3		ABC Sname - Copy.4	
1	5776	good sale		4	James										
2	456	normal sale		6	Janak										
3	9595	good sale		8	ramesh										
4	49	average sale		10	Dr.		Jun			Jun				wala	
5	788	good sale		12	Shri		John								
6	333	normal sale		14	Seema										
7	3949	good sale		16	Suganya										
8	11500	good sale		18	Ram		Kapoor								
9	4392	good sale		20	Ridhi										
10	9353	good sale		22	Jonathan										
11	4444	good sale		24	Ganesh										
12	4044.44	good sale		26	Lucy										
13	230.22	normal sale		28	Robert										
14	9856	good sale		30	Sam										
15	4578	good sale		32	Suresh										
16	4533	good sale		34	Jujun		Singh								
17	45333	good sale		36	Rachel										
18	343	normal sale		38	Mousam										
19	95355.44	good sale		40	Charles										
20	67894.11	good sale		42	Bill										
21	73333.77	good sale		44	Csk					S					

16) In bank customer data set remove 100 rows and remove last 456 rows

Remove Top Rows

Specify how many rows to remove from the top.

Number of rows

100

OK

Cancel

Remove Bottom Rows

Specify how many rows to remove from the bottom.

Number of rows

456

OK

Cancel

Table.Skip(#"Promoted Headers",100)							
	Customer ID	Name	Surname	Gender	Age	Region	Job Classification
1	200000101	Stewart	Lewis	Male	51	Scotland	Blue Collar
2	200000102	Emma	Piper	Female	44	Scotland	White Collar
3	200000103	Nicola	Powell	Female	55	Scotland	White Collar
4	200000104	Diana	McDonald	Female	57	Scotland	Other
5	200000105	Stephen	Ross	Male	48	Scotland	White Collar
6	200000106	Ella	Bond	Female	54	Scotland	Other
7	200000107	Ian	Wilson	Male	36	Scotland	Blue Collar
8	200000108	Piers	Quinn	Male	48	Scotland	Blue Collar
9	200000109	Joe	Forsyth	Male	63	Scotland	Other
10	200000110	Tim	Jones	Male	63	Scotland	Blue Collar
11	300000111	Sonia	Robertson	Female	25	Wales	Other
12	300000112	Nathan	Paterson	Male	26	Wales	White Collar
13	400000113	Tim	Hardacre	Male	29	Northern Ireland	White Collar
14	400000114	Fiona	Mills	Female	18	Northern Ireland	Other
15	400000115	Ruth	Oliver	Female	43	Northern Ireland	Blue Collar
16	100000116	Alison	Johnston	Female	36	England	Other
17	100000117	Amy	McGrath	Female	40	England	Other
18	200000118	Adam	McGrath	Male	52	Scotland	Other
19	100000119	Vanessa	Lyman	Female	18	England	White Collar
20	100000120	Andrea	Dickens	Female	31	England	White Collar
21	100000121	Ian	Slater	Male	37	England	White Collar
22	100000122	Jacob	Payne	Male	25	England	Other
23	100000123	Harry	Short	Male	50	England	White Collar
24	100000124	John	Black	Male	39	England	Other
25	100000125	Jonathan	MacDonald	Male	27	England	White Collar
26	100000126	Benjamin	Blake	Male	42	England	White Collar

Applying index and applying conditional column on bank balance column

Add Conditional Column

Add a conditional column that is computed from the other columns or values.

New column name

Balance category

	Column Name	Operator	Value		Output	
If	Balance	is greater than	10000	Then	High	...
Else If	Balance	is greater than	50000	Then	Medium	

Add Clause

Else	Low
------	-----

OK

Cancel

= Table.AddColumn("#Added Index", "Balance category", each if [Balance] > 10000 then "High" else if [Balance] > 50000 then "Medium" else "Low")						
	Date Joined	1.2 Balance	A ^B _C Job Classification - Copy.1	A ^B _C Job Classification - Copy.2	1 ² ₃ Index	A ^B _C 123 Balance category
1	11/27/2015	23372.89	Other	null	5	High
2	8/25/2015	75332.4	White	Collar	7	High
3	8/25/2015	43670.72	White	Collar	9	High
4	11/16/2015	2479.52	White	Collar	11	Low
5	11/16/2015	20238.28	White	Collar	13	High
6	11/16/2015	9161.15	White	Collar	15	Low
7	11/16/2015	50609.43	White	Collar	17	High
8	8/25/2015	31706.03	Other	null	19	High
9	11/16/2015	57099.28	Other	null	21	High
10	8/26/2015	12728.29	White	Collar	23	High
11	8/26/2015	82862.73	White	Collar	25	High
12	8/26/2015	27683.73	Other	null	27	High
13	8/26/2015	142461.87	White	Collar	29	High
14	8/26/2015	46762.44	White	Collar	31	High
15	8/26/2015	34984.35	Blue	Collar	33	High
16	8/26/2015	27049.56	Other	null	35	High
17	8/25/2015	1387.14	White	Collar	37	Low
18	8/25/2015	58955.8	Other	null	39	High
19	11/17/2015	33535.24	White	Collar	41	High
20	11/17/2015	82688.19	Other	null	43	High
21	11/17/2015	38098.76	White	Collar	45	High
22	11/17/2015	5040.5	Blue	Collar	47	Low
23	11/17/2015	37670.59	White	Collar	49	High
24	8/24/2015	50953.26	Other	null	51	High
25	8/24/2015	6016.04	Other	null	53	Low
26	8/24/2015	98261.13	White	Collar	55	High
27						