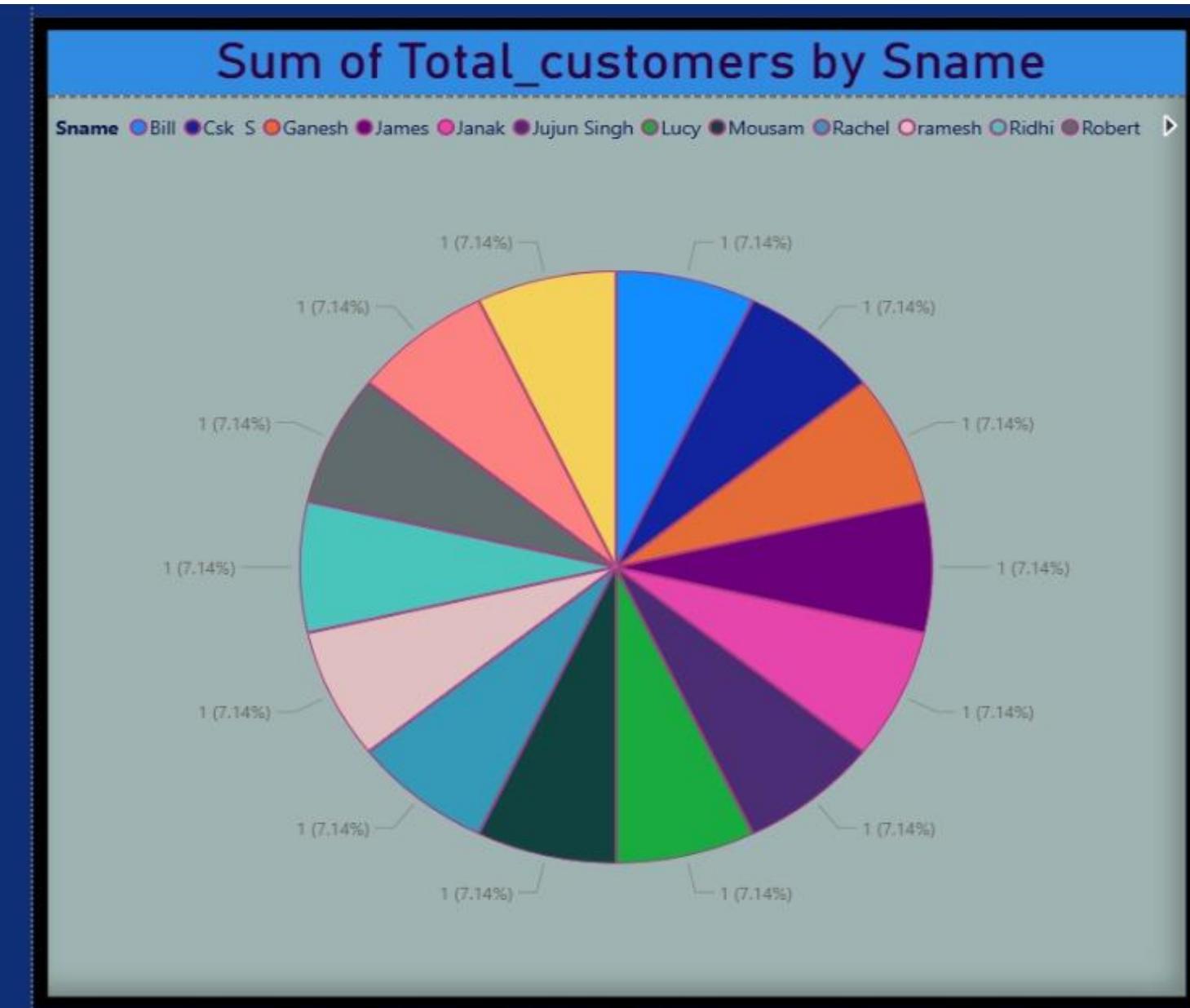


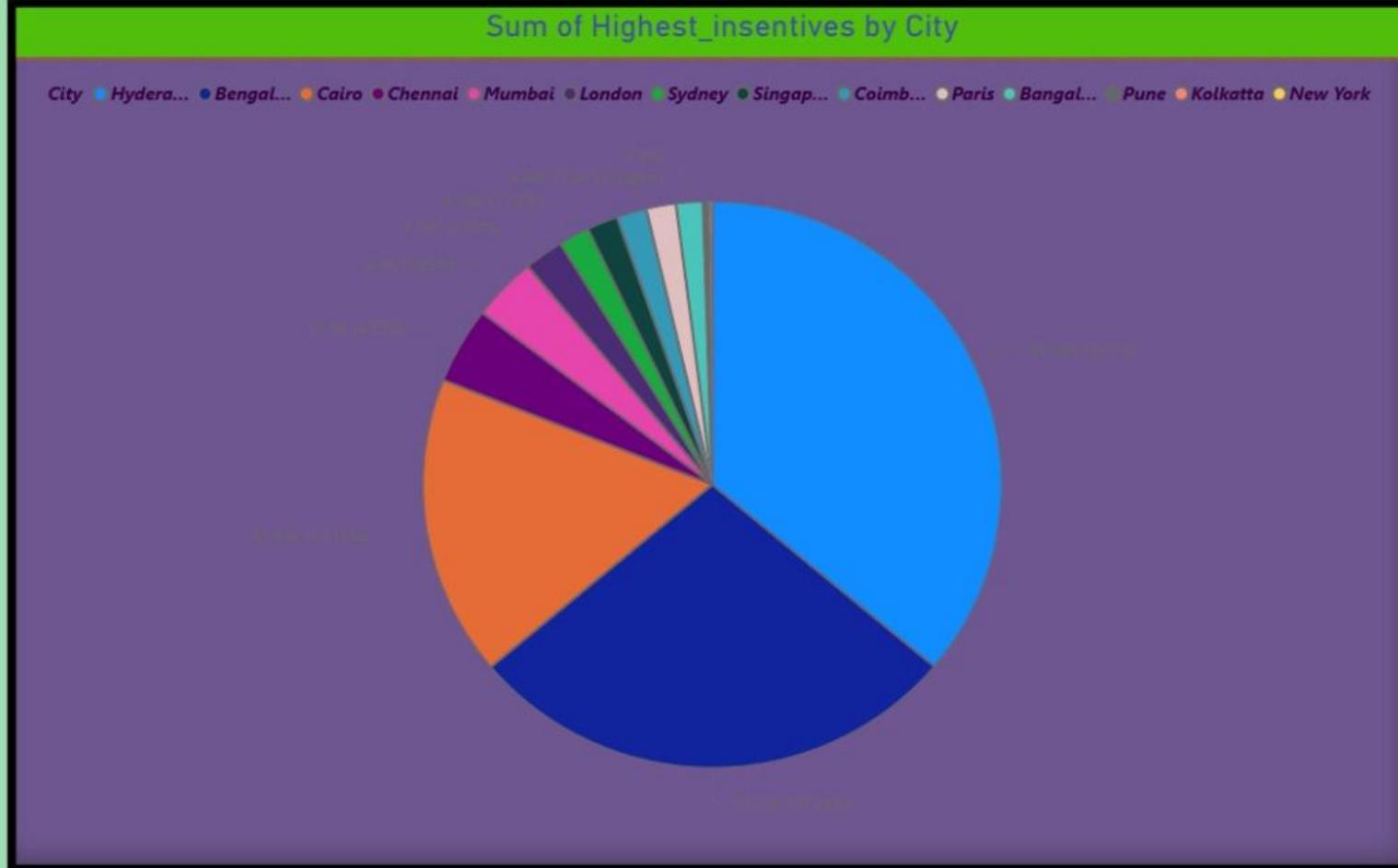
INVENTORY SALES MANAGEMENT PROJECT

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

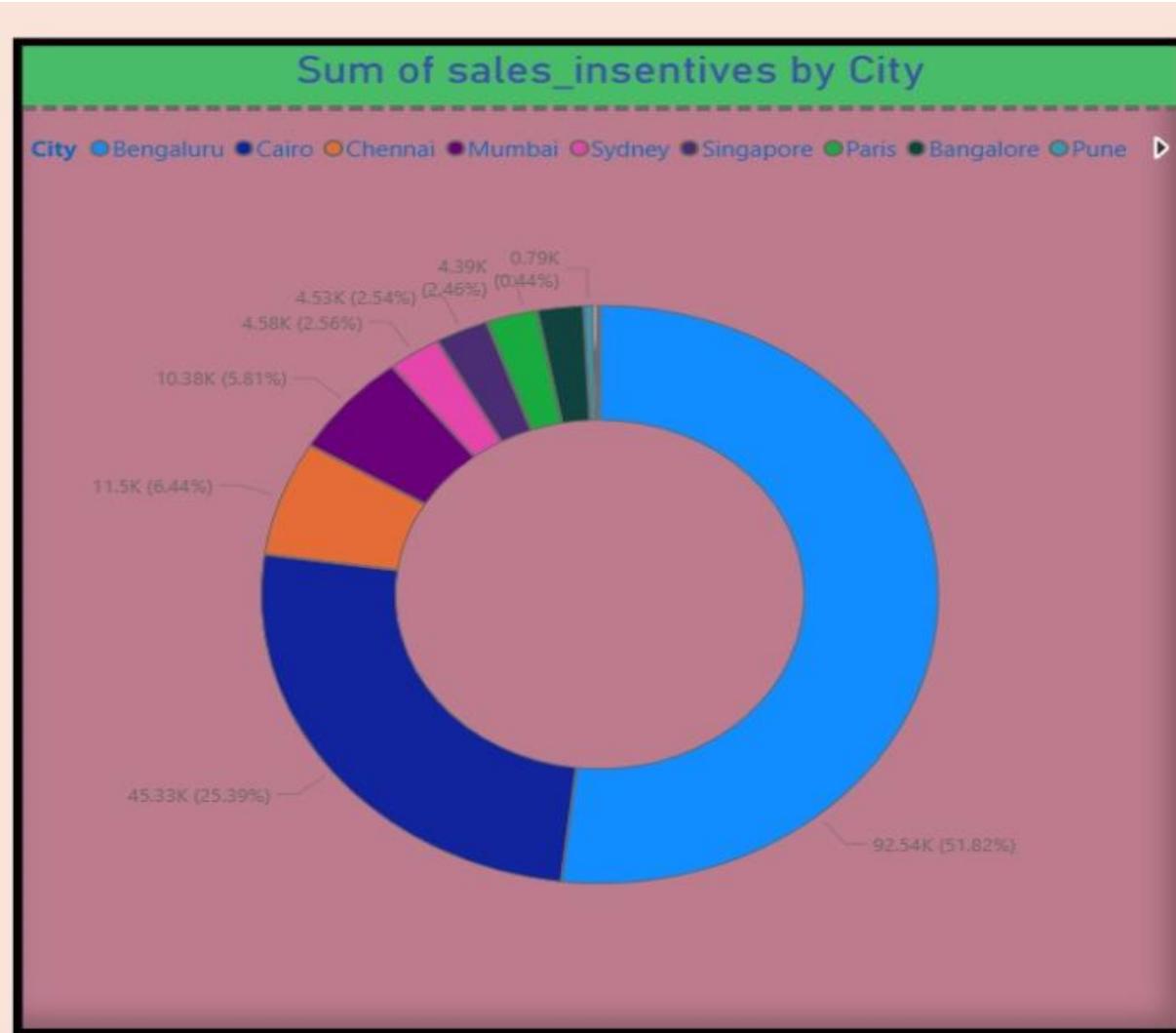


Filters

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



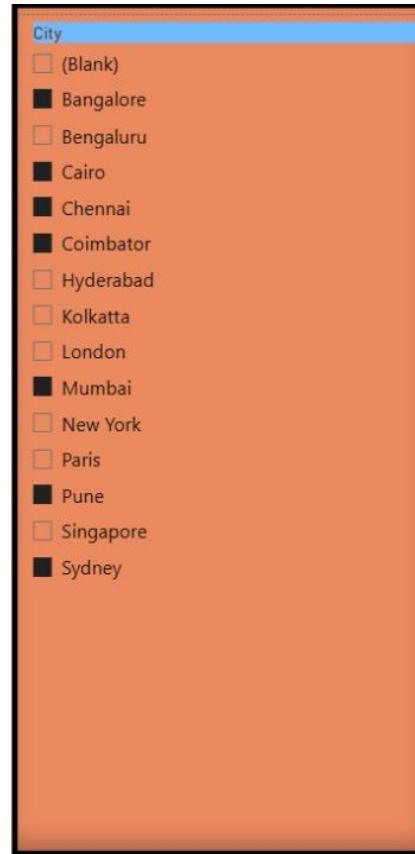
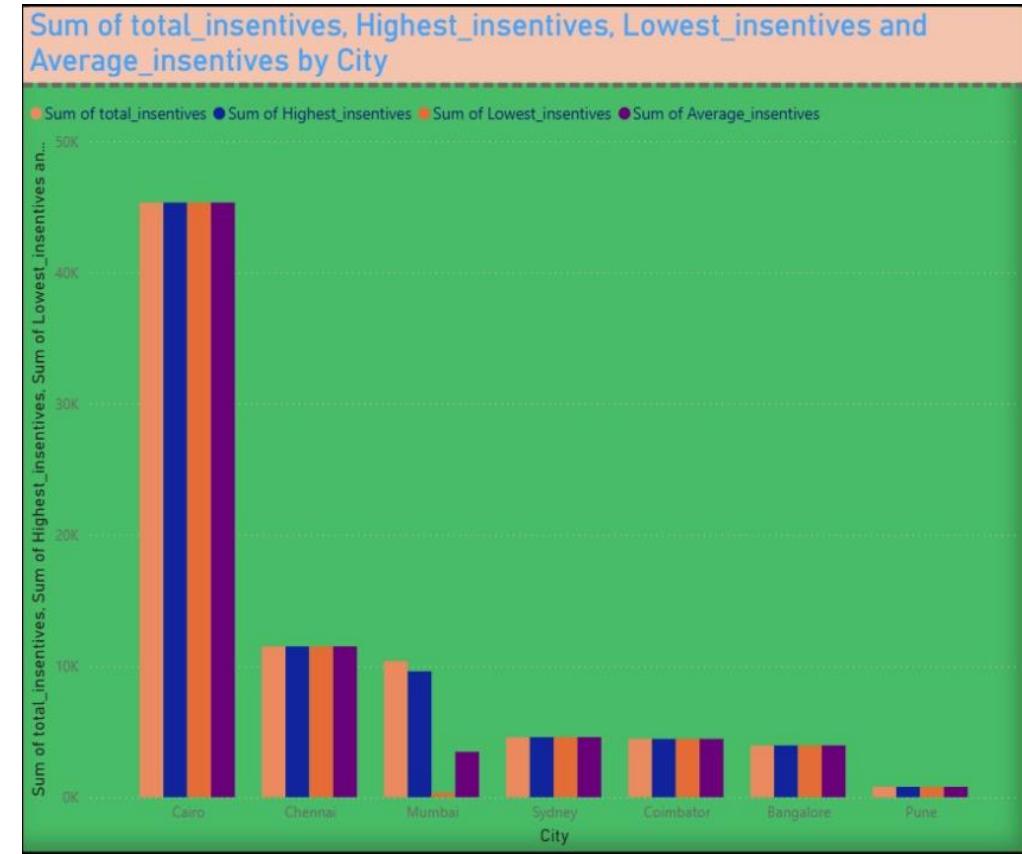
3)Create a donut chart to print city wise every sales incentives



4)Create a clustered column chart using a group by

= Table.Group(#"Changed Type", {"City"}, {{"total_insentives", each List.Sum([Snum]), type nullable number},

A	B	City	1.2 total_insentives	1.2 higest_customer	1.2 lowest_customer	1.2 average_customer
1	Mumbai		3089	1044	1001	1029.666667
2	newyork		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



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

INVENTORY SALES PROJECT

File Home Transform Add Column View Tools Help

New Source Recent Enter Data Data source settings Manage Parameters Refresh Preview Properties Advanced Editor Manage Choose Columns Remove Columns Keep Rows Remove Rows Reduce Rows Split Column Group By Data Type: Whole Number Merge Queries Use First Row as Headers Append Queries

Close & Apply Close New Query Data Sources Parameters Query Sort

Queries

Merge

Select tables and matching columns to create a merged table.

customers

Cnum	Cname	City	Snum
2789	Lucy	Chicago	1987
2088	Dr. Singh	Mumbai	1001
2088	Shri Ajit	Bangalore	1001
2177	Geet C	Paris	1004
2082	Bill Clinton	London	1007
2909	John Dikosta	California	1661

11th.orders

Onum	Odate	Qamount	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

Join Kind: Inner (only matching rows)

Use fuzzy matching to perform the merge

Fuzzy matching options

OK Cancel

5 COLUMNS, 6 ROWS Column profiling based on top 1000 rows PREVIEW DOWNLOADED AT 12:20 PM

Page 7 of 15

82% Update available (click to download)

28°C Sunny

Search

W IN 3:35 PM 11/20/2025

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

INVENTORY SALES PROJECT

File Home Transform Add Column View Tools Help

New Source Recent Enter Data Data source settings Manage Parameters Refresh Preview Advanced Editor Properties 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 Close & Apply Close New Query Data Sources Parameters Query Manage Columns Reduce Rows Transform Combine

Queries

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

	Snum	Sname	City	Comm	sales_result	Index.1	customer
1	1056	Shri John	Pune		788	normal sales	4 Table
2	1686	Seema	Mumbai		383	good sales	5 Table
3	1089	Jonathan	Bengaluru		9353	normal sales	9 Table
4	1055	Ganesh	Coimbator		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

Merge

Select tables and matching columns to create a merged table.

10th a)sales

Snum	Sname	City	Comm	sales_result	Index.1
2001	James	London	5776	normal sales	0
1044	Janak	Mumbai	456	good sales	1
2004	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

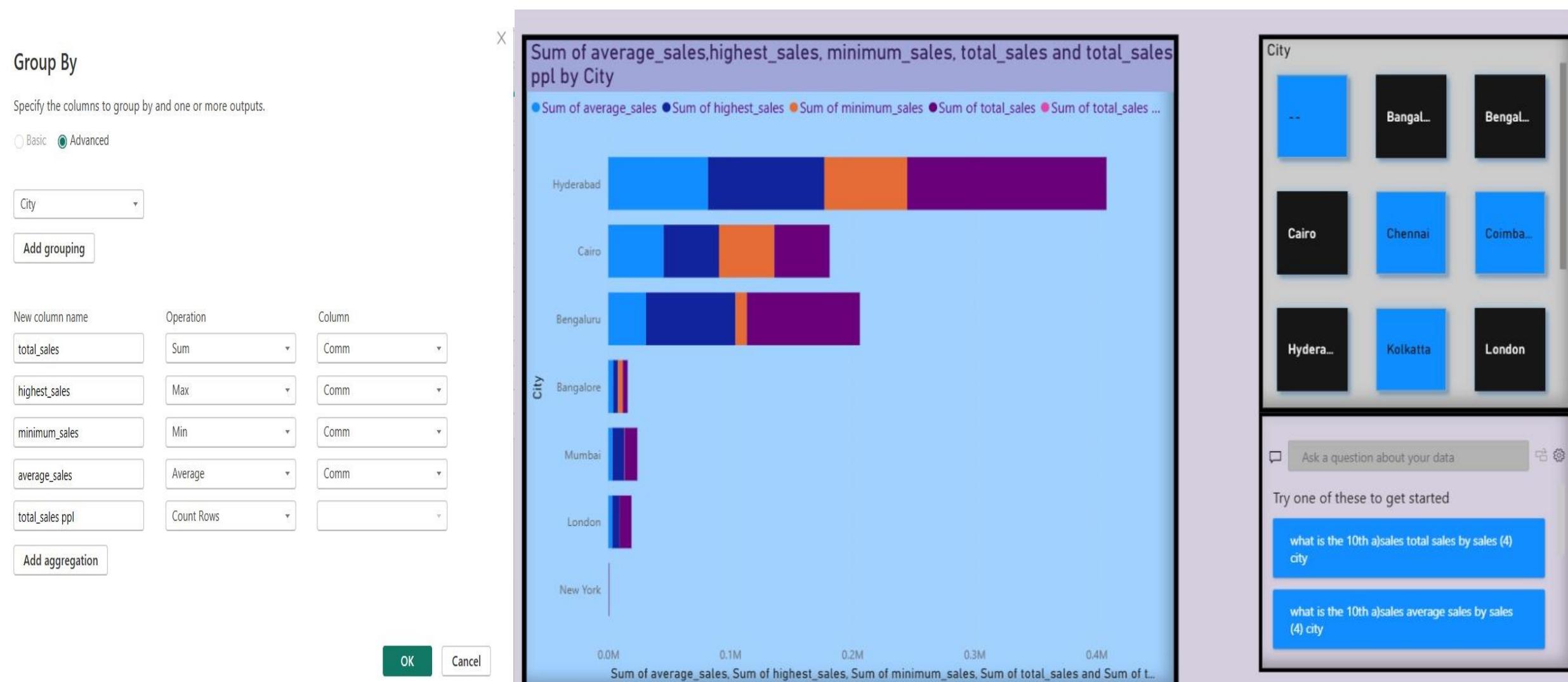
Cnum	Cname	City	Snum
2001	Jalpa	Mumbai	1044
2044	Rahul	new york	1001
2088	Dr. Singh	Mumbai	1001
2088	Shri Ajit	Bangalore	1001
2082	Bill Clinton	London	1007

Join Kind: Left Anti (rows only in first)

Use fuzzy matching to perform the merge

Fuzzy matching options

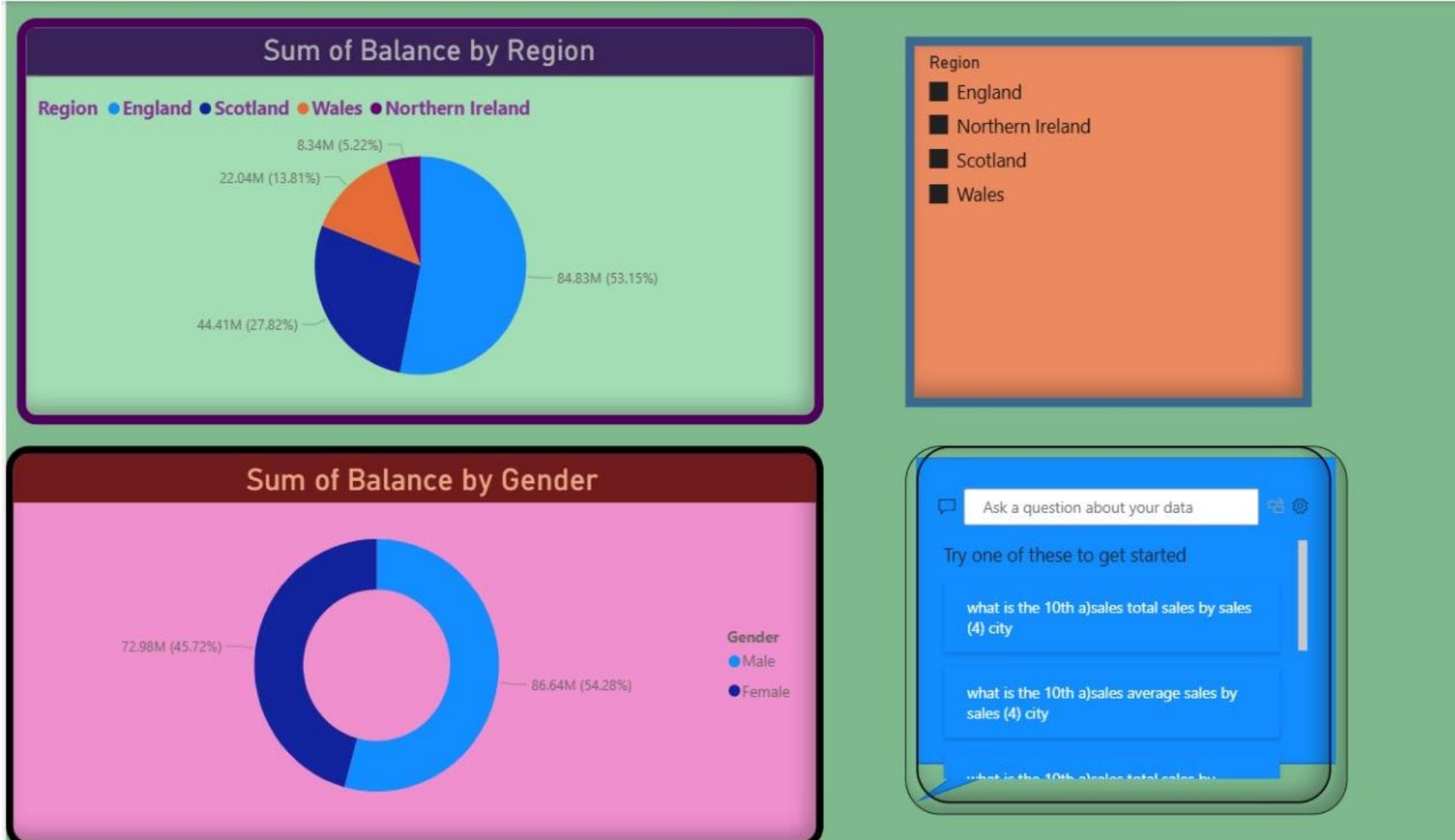
7) Create a bar chart where you will print the total,highest,average,minimum sales and total number of sales ppl working in each city



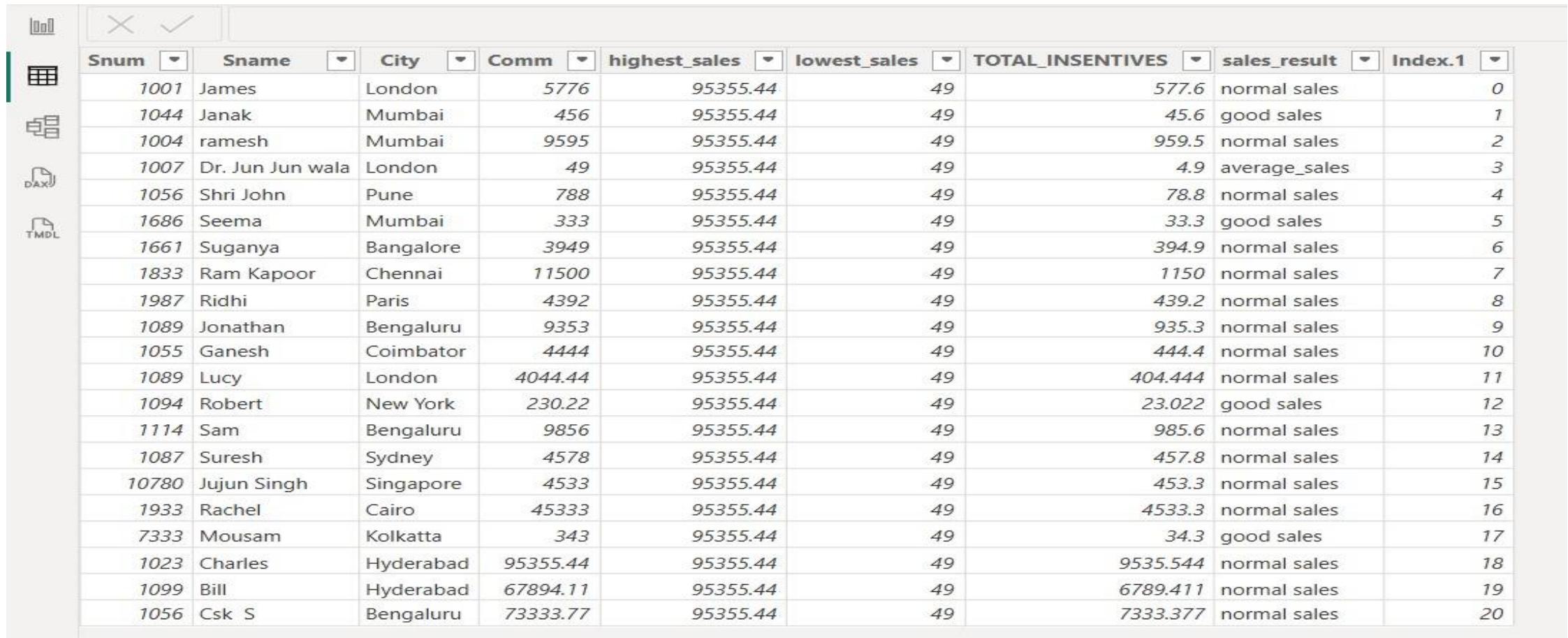
8)Create line chart using sales target data set and print the comparison of highest,lowest and actual sales using (button slicer or regular slicer)



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



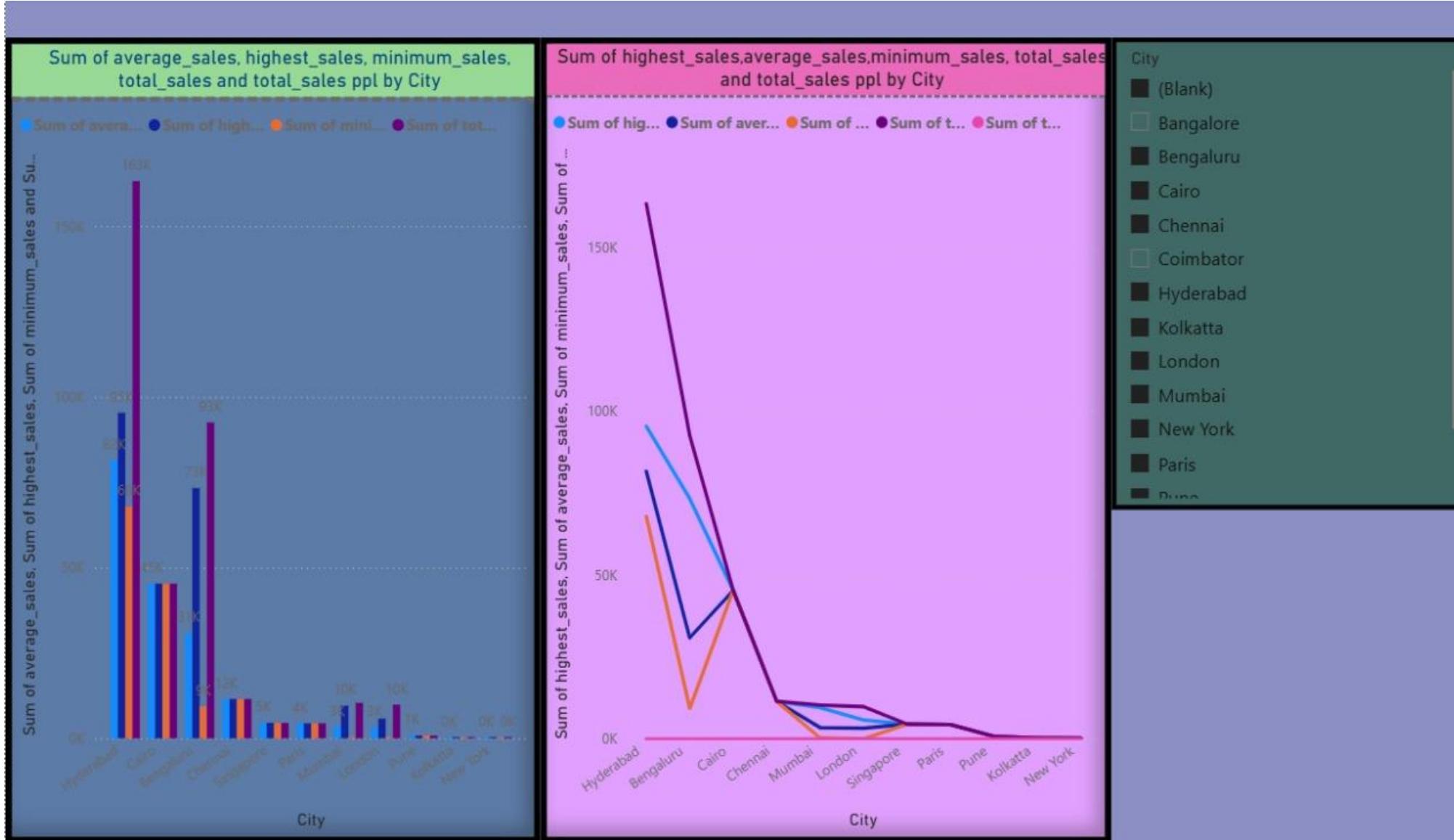
10 a) create a copy of the sales ppl data set and you will create the 5 dax function (lowest, highest, average sale, total no of sales ppl and total incentives) 3 dax function stored in the column and 2 dax function to be the stored in measure



The screenshot shows the Power BI Data View interface. On the left, there are four vertical icons: a chart for visualizations, a grid for tables, a DAX editor for data modeling, and a TMDL editor for schema. The main area displays a table with 20 rows of sales data. The columns are: Snum, Sname, City, Comm, highest_sales, lowest_sales, TOTAL_INSENTIVES, sales_result, and Index.1. The data includes various names, cities, and numerical values for each row.

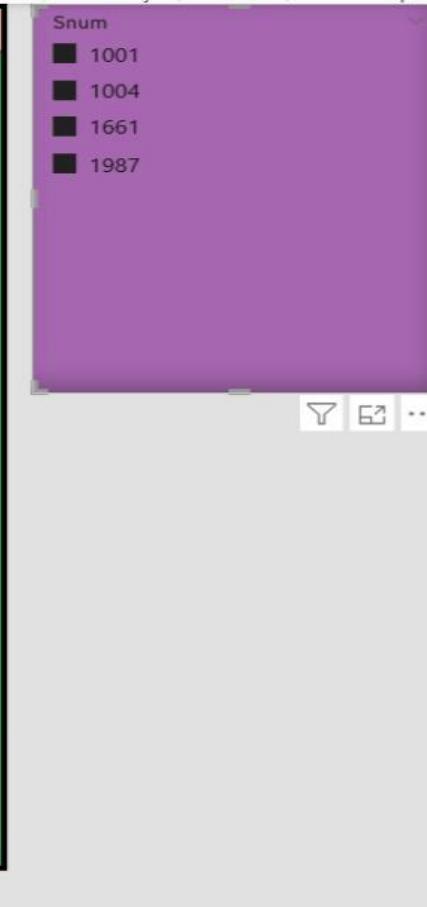
Snum	Sname	City	Comm	highest_sales	lowest_sales	TOTAL_INSENTIVES	sales_result	Index.1
1001	James	London	5776	95355.44	49	577.6	normal sales	0
1044	Janak	Mumbai	456	95355.44	49	45.6	good sales	1
1004	ramesh	Mumbai	9595	95355.44	49	959.5	normal sales	2
1007	Dr. Jun Jun wala	London	49	95355.44	49	4.9	average_sales	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	Coimbator	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	67894.11	normal sales	19
1056	Csk S	Bengaluru	73333.77	95355.44	49	73333.77	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

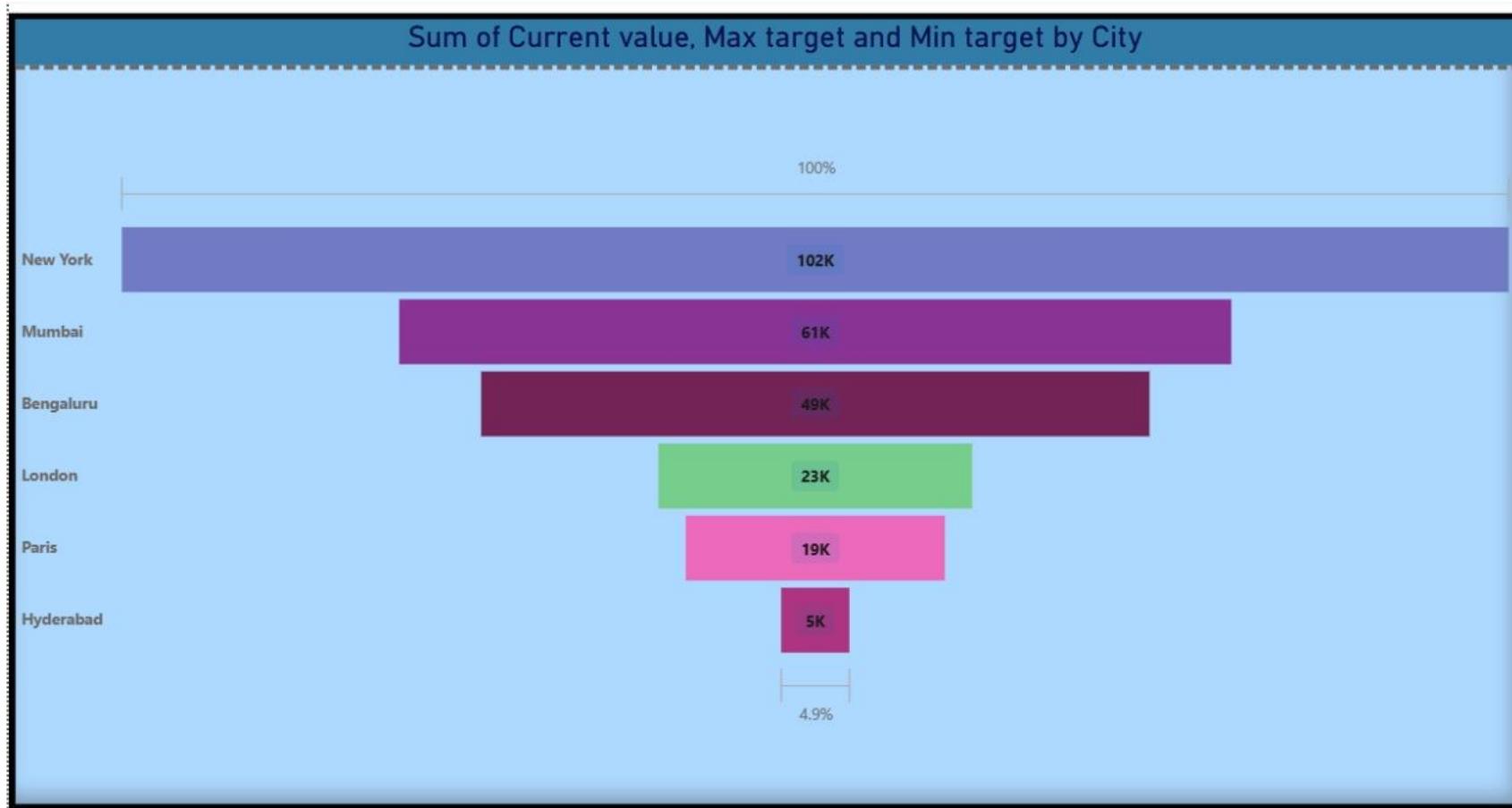


11) Create a new of power bi for multi row record and another page in the same dashboard will have tables and add slicer to it

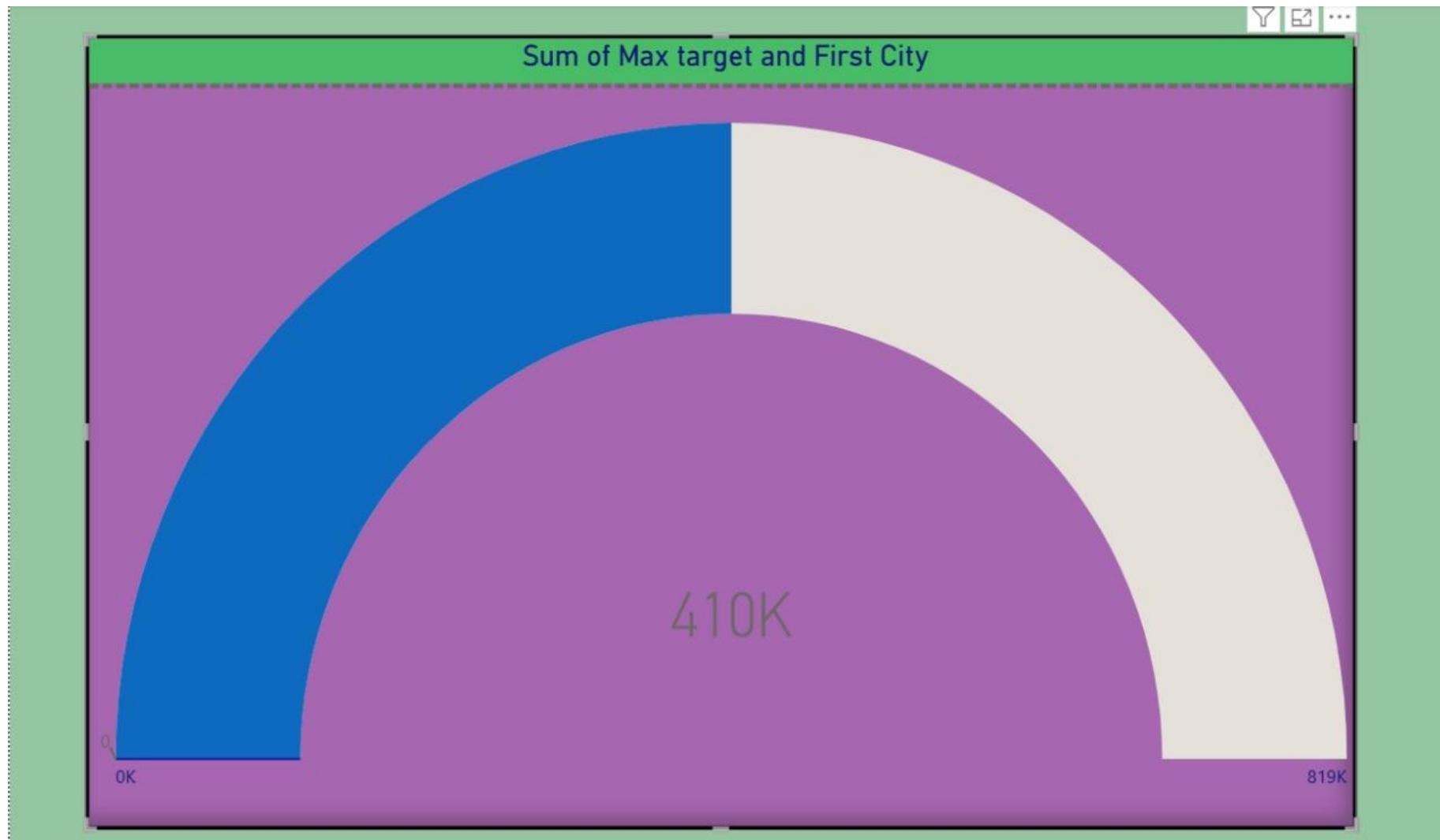
MULTI ROW RECORDS OF AN ORDER TABLE								
2789	54000	2015	Qtr 1	January	11	3006	1987	
Sum of Cnum	Sum of Oa...	Year	Quarter	Month	Day	Sum of Onum	Sum of Snum	
2177	12000	2018	Qtr 2	April	19	3012	1004	
Sum of Cnum	Sum of Oa...	Year	Quarter	Month	Day	Sum of Onum	Sum of Snum	
2082	404	2018	Qtr 2	April	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	



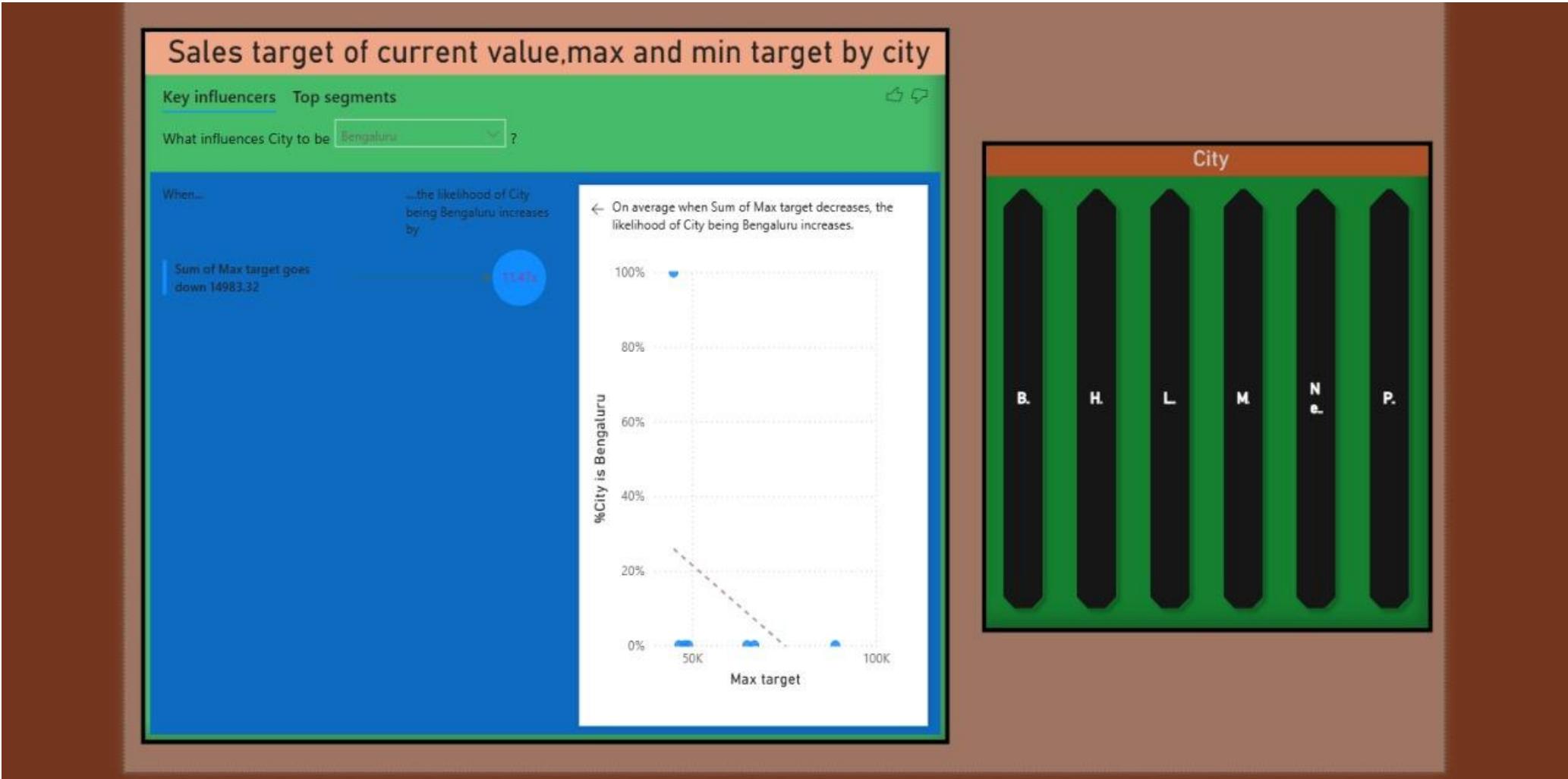
Create a funnel chart using (sales_target data sets)



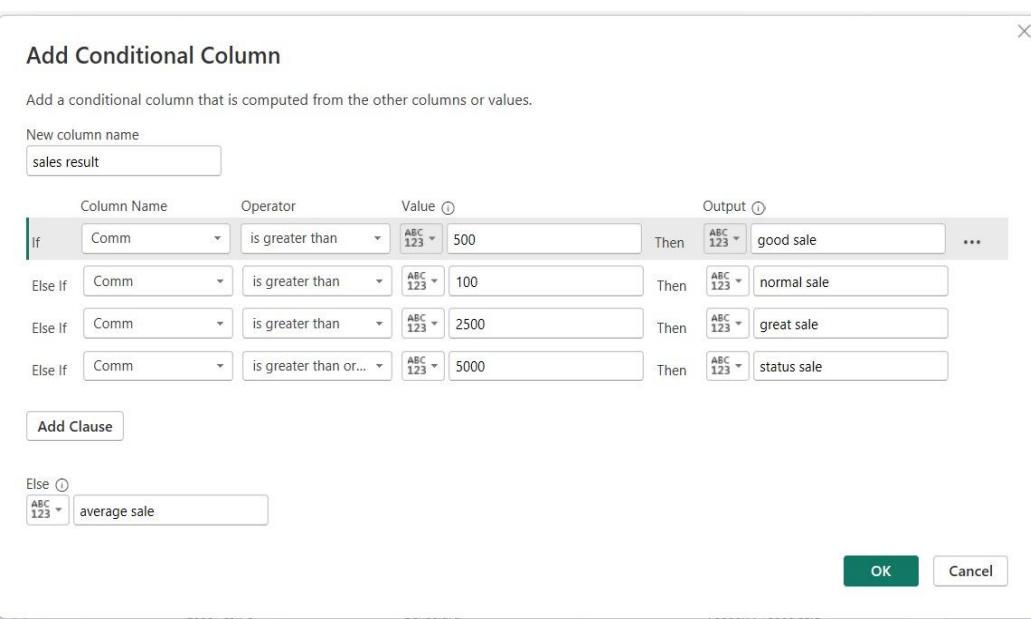
13) Prepare a gauge chart with sales_target data set/data sets



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



	Snum	Sname	City	Comm	sales result	Index
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)

= 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	Index	A ^B _C Sname - Copy.1	A ^B _C Sname - Copy.2	A ^B _C Sname - Copy.3	A ^B _C Sname - Copy.4
1		5776 good sale		4 James	null	null	null
2		456 normal sale		6 Janak	null	null	null
3		9595 good sale		8 ramesh	null	null	null
4		49 average sale		10 Dr.	Jun	Jun	wala
5		788 good sale		12 Shri	John	null	null
6		333 normal sale		14 Seema	null	null	null
7		3949 good sale		16 Suganya	null	null	null
8		11500 good sale		18 Ram	Kapoor	null	null
9		4392 good sale		20 Ridhi	null	null	null
10		9353 good sale		22 Jonathan	null	null	null
11		4444 good sale		24 Ganesh	null	null	null
12		4044.44 good sale		26 Lucy	null	null	null
13		230.22 normal sale		28 Robert	null	null	null
14		9856 good sale		30 Sam	null	null	null
15		4578 good sale		32 Suresh	null	null	null
16		4533 good sale		34 Jujun	Singh	null	null
17		45333 good sale		36 Rachel	null	null	null
18		343 normal sale		38 Mousam	null	null	null
19		95355.44 good sale		40 Charles	null	null	null
20		67894.11 good sale		42 Bill		null	null
21		73333.77 good sale		44 Csk	S		null

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

OK

Cancel

Remove Bottom Rows

Specify how many rows to remove from the bottom.

Number of rows

OK

Cancel

= Table.Skip(#"Promoted Headers", 100)							
A ^B _C Customer ID	A ^B _C Name	A ^B _C Surname	A ^B _C Gender	A ^B _C Age	A ^B _C Region	A ^B _C Job Classification	A ^B _C 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 sorting on the region column

The screenshot shows a data grid with columns: Age, Region, Job Classification, Date Joined, and Balance. The Region column is currently sorted in ascending order. A context menu is open over the Region column header, listing options: Sort Ascending, Sort Descending, Clear Sort, Clear Filter, Remove Empty, and Text Filters. The 'Sort Ascending' option is highlighted with a green background. A search bar and a list of region filters are also visible.

Age	Region	Job Classification	Date Joined	Balance
28	England	Blue Collar	30.Dec.15	68518.55
32	England	White Collar	09.May.15	4285.6
40	England	White Collar	22.Apr.15	25248.37
46	England	White Collar	30.Dec.15	85331.69
26	England	White Collar	02.Apr.15	12994.18
42	England	Blue Collar	13.Jul.15	25710.04
29	England	White Collar	08.Apr.15	22659.88
44	England	White Collar	14.Jun.15	19645.17
32	England	White Collar	05.Apr.15	51576.88
34	England	White Collar	26.Jun.15	40109.99
27	England	White Collar	26.Dec.15	33463.13
43	England	White Collar	16.Apr.15	25542.15
39	England	White Collar	17.Apr.15	45135.16
38	England	White Collar	07.May.15	120732.35
30	England	White Collar	31.Jul.15	68336.84
24	England	Other	10.May.15	77908.67
40	England	White Collar	12.May.15	15488.15
41	England	White Collar	05.Apr.15	51707.8
43	England	White Collar	11.Aug.15	36694.01
32	England	Other	15.May.15	44609.05
43	England	White Collar	24.Apr.15	33311.31
37	England	White Collar	26.Apr.15	5611.36
49	England	Blue Collar	16.Jul.15	36294.12
47	England	White Collar	01.Apr.15	15093.04
26	England	White Collar	14.Sep.15	2849.16
50	England	White Collar	26.Dec.15	16041.11

Split the column job classification after making the duplicate by using the 1st delimiter called space

The screenshot shows the Microsoft Power Query Editor interface with a table containing 26 rows of data. The columns are:

- Date Joined
- Balance
- Job Classification - Copy.1
- Job Classification - Copy.2
- Index
- Balance category

The 'Job Classification' column has been split into two columns: 'Job Classification - Copy.1' and 'Job Classification - Copy.2'. The 'Balance category' column is generated by a formula: `= Table.AddColumn(#"Added Index", "Balance category", each if [Balance] > 10000 then "High" else if [Balance] > 50000 then "Medium" else "Low")`. The data includes various job classifications like 'Other', 'White', 'Blue', and 'Collar', and balance categories ranging from 'Low' to 'High'.

	Date Joined	Balance	Job Classification - Copy.1	Job Classification - Copy.2	Index	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

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	High
Else If	Balance	is greater than 50000	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 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