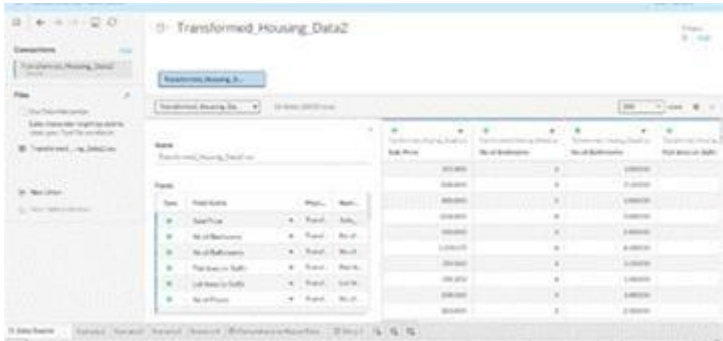


Project Development Phase Model Performance Test

Date	24 July 2025
Team ID	PNT2025TMID14588
Project Name	Visualizing Housing Market Trends: An Analysis of Sale Prices and Features using Tableau
Maximum Marks	

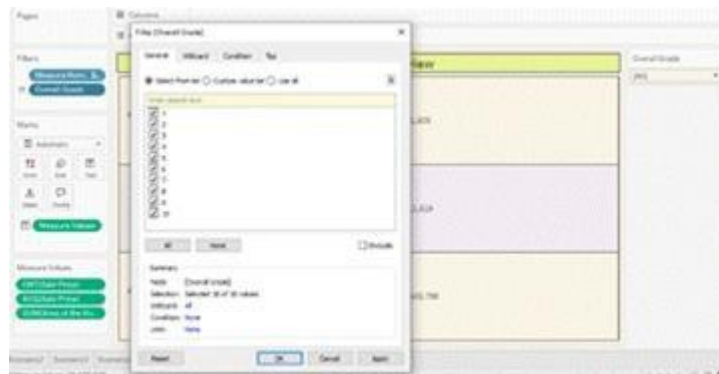
Model Performance Testing:

Project team shall fill the following information in model performance testing template.

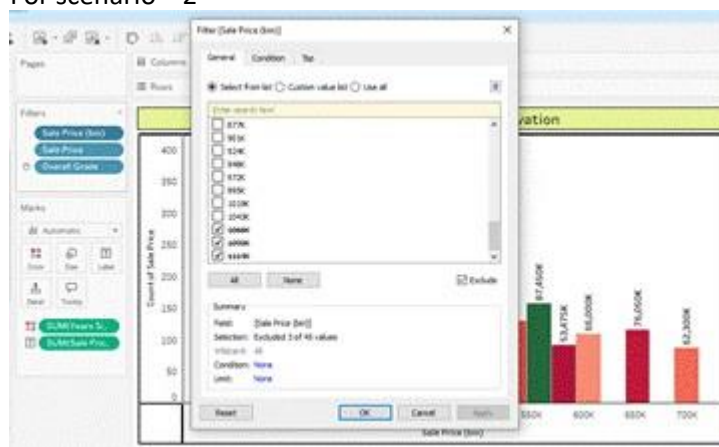
S.No.	Parameter	Screenshot / Values																																																																																																								
1.	Data Rendered	<div>Data contains 33 fields and 21609 rows</div> <div></div>																																																																																																								
2.	Data Preprocessing	<div>Identified 11 duplicate rows , removed unnecessary columns like zipcodes, no missing or null values.</div> <div><table><tr><th>Defidizer</th><th>Sale_Price</th><th>No_of_Bedrooms</th><th>No_of_Bathrooms</th><th>Flat_Area_in_Sqft</th><th>Lot_Area_in_Sqft</th><th>No_of_Floors</th><th>No. of</th></tr><tr><td>1</td><td>221900.0</td><td>3</td><td>1.0</td><td>1180.0</td><td>5650.0</td><td>1.0</td><td></td></tr><tr><td>2</td><td>538000.0</td><td>3</td><td>2.25</td><td>2570.0</td><td>7242.0</td><td>2.0</td><td></td></tr><tr><td>3</td><td>180000.0</td><td>2</td><td>1.0</td><td>770.0</td><td>10000.0</td><td>1.0</td><td></td></tr><tr><td>4</td><td>604000.0</td><td>4</td><td>3.0</td><td>1960.0</td><td>6000.0</td><td>1.0</td><td></td></tr><tr><td>5</td><td>510000.0</td><td>3</td><td>2.0</td><td>1680.0</td><td>6080.0</td><td>1.0</td><td></td></tr><tr><td>6</td><td>1120575.0</td><td>4</td><td>4.5</td><td>5420.0</td><td>101930.0</td><td>1.0</td><td></td></tr><tr><td>7</td><td>257500.0</td><td>3</td><td>2.25</td><td>1715.0</td><td>6819.0</td><td>2.0</td><td></td></tr><tr><td>8</td><td>291450.0</td><td>3</td><td>1.5</td><td>1050.0</td><td>9711.0</td><td>1.0</td><td></td></tr><tr><td>9</td><td>229500.0</td><td>3</td><td>1.0</td><td>1780.0</td><td>7470.0</td><td>1.0</td><td></td></tr><tr><td>10</td><td>323000.0</td><td>3</td><td>2.5</td><td>1600.0</td><td>6560.0</td><td>2.0</td><td></td></tr><tr><td>11</td><td>662500.0</td><td>3</td><td>2.5</td><td>3560.0</td><td>9796.0</td><td>1.0</td><td></td></tr><tr><td>12</td><td>468000.0</td><td>2</td><td>1.0</td><td>1100.0</td><td>6000.0</td><td>1.0</td><td></td></tr></table></div>	Defidizer	Sale_Price	No_of_Bedrooms	No_of_Bathrooms	Flat_Area_in_Sqft	Lot_Area_in_Sqft	No_of_Floors	No. of	1	221900.0	3	1.0	1180.0	5650.0	1.0		2	538000.0	3	2.25	2570.0	7242.0	2.0		3	180000.0	2	1.0	770.0	10000.0	1.0		4	604000.0	4	3.0	1960.0	6000.0	1.0		5	510000.0	3	2.0	1680.0	6080.0	1.0		6	1120575.0	4	4.5	5420.0	101930.0	1.0		7	257500.0	3	2.25	1715.0	6819.0	2.0		8	291450.0	3	1.5	1050.0	9711.0	1.0		9	229500.0	3	1.0	1780.0	7470.0	1.0		10	323000.0	3	2.5	1600.0	6560.0	2.0		11	662500.0	3	2.5	3560.0	9796.0	1.0		12	468000.0	2	1.0	1100.0	6000.0	1.0	
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3. Utilization of Filters

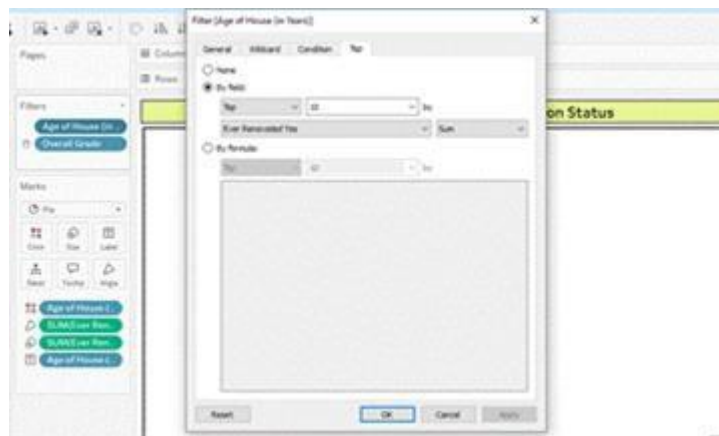
For scenario – 1



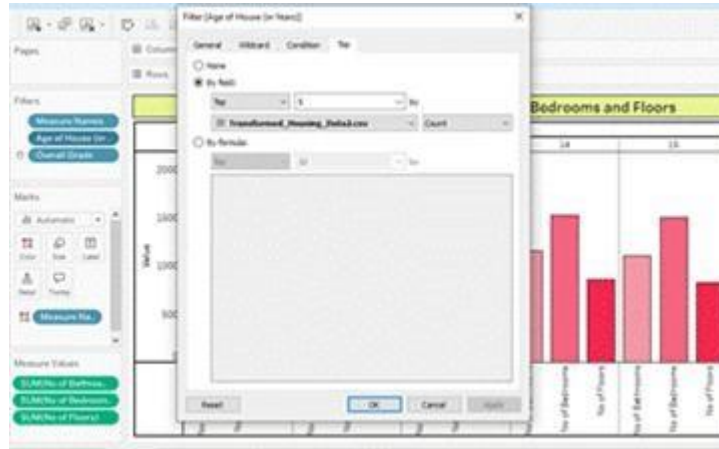
For scenario – 2



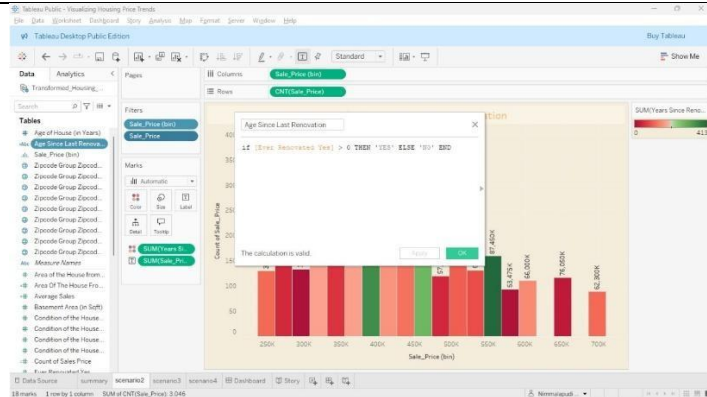
For scenario – 3



For scenario – 4

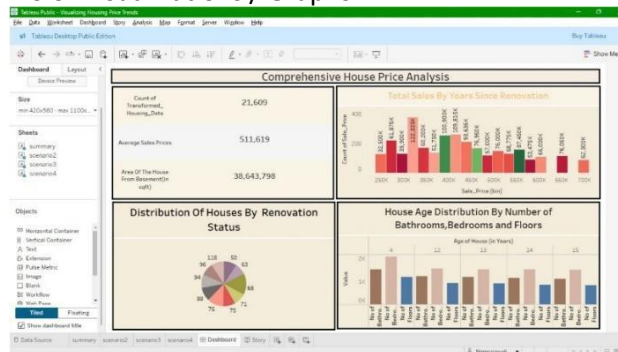


4. Calculation fields Used



5. Dashboard design

No of Visualizations / Graphs – 4



Dashboard Link :

https://public.tableau.com/views/VisualizingHousingPriceTrends/Dashboard?:language=en-US&:sid=&:redirect=auth&:display_count=n&:origin=viz_share_link

Story Design

Total Sales By Years Since Renovation

Count of Sale_Price

Sale_Price (bin)

Years Since Renovation: 0 to 13

Annotations:

- House Age Distribution is more influenced by the number of bedrooms compared to bedrooms and Rooms.
- The Age of Houses varies based on their renovation status, providing a comprehensive overview.
- The importance of Recent Renovations in boosting property sales.

Sale_Price (bin)	Count of Sale_Price (approx.)	Years Since Renovation (approx.)
210K	130	12.5
220K	140	12.5
230K	150	12.5
240K	160	12.5
250K	170	12.5
260K	180	12.5
270K	190	12.5
280K	200	12.5
290K	210	12.5
300K	220	12.5
310K	230	12.5
320K	240	12.5
330K	250	12.5
340K	260	12.5
350K	270	12.5
360K	280	12.5
370K	290	12.5
380K	300	12.5
390K	310	12.5
400K	320	12.5
410K	330	12.5
420K	340	12.5
430K	350	12.5
440K	360	12.5
450K	370	12.5
460K	380	12.5
470K	390	12.5
480K	400	12.5
490K	410	12.5
500K	420	12.5
510K	430	12.5
520K	440	12.5
530K	450	12.5
540K	460	12.5
550K	470	12.5
560K	480	12.5
570K	490	12.5
580K	500	12.5
590K	510	12.5
600K	520	12.5
610K	530	12.5
620K	540	12.5
630K	550	12.5
640K	560	12.5
650K	570	12.5
660K	580	12.5
670K	590	12.5
680K	600	12.5
690K	610	12.5
700K	620	12.5
710K	630	12.5
720K	640	12.5

https://public.tableau.com/views/VisualizingHousingPriceTrends/Story?language=en-US&:sid=&:redirect=auth&:display_count=n&:origin=viz_share_link