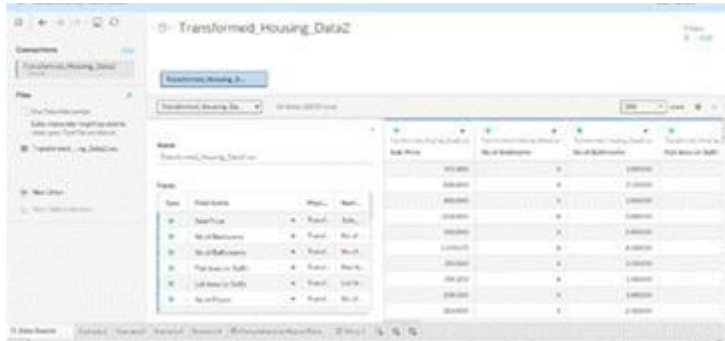


Project Development Phase Model Performance Test

Date	24 July 2025
Team ID	PNT2025TMID10194
Project Name	Visualizing Housing Market Trends: An Analysis of Sale Prices and Features using Tableau
Maximum Marks	

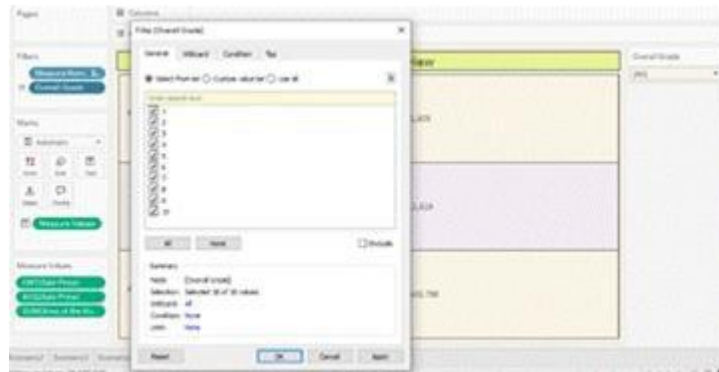
Model Performance Testing:

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

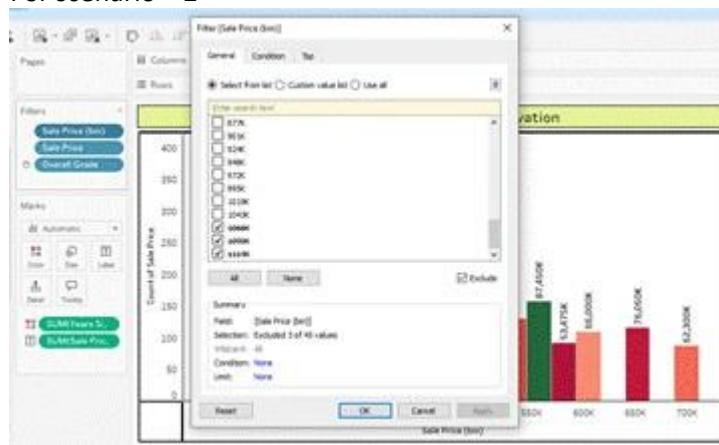
S.No.	Parameter	Screenshot / Values																																																																																																								
1.	Data Rendered	<p>Data contains 33 fields and 21609 rows</p> 																																																																																																								
2.	Data Preprocessing	<p>Identified 11 duplicate rows , removed unnecessary columns like zipcodes, no missing or null values.</p> <table><tr><th>Definer:</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.</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>	Definer:	Sale_Price	No_of_Bedrooms	No_of_Bathrooms	Flat_Area_in_Sqft	Lot_Area_in_Sqft	No_of_Floors	No.	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	
Definer:	Sale_Price	No_of_Bedrooms	No_of_Bathrooms	Flat_Area_in_Sqft	Lot_Area_in_Sqft	No_of_Floors	No.																																																																																																			
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																																																																																																				

3. Utilization of Filters

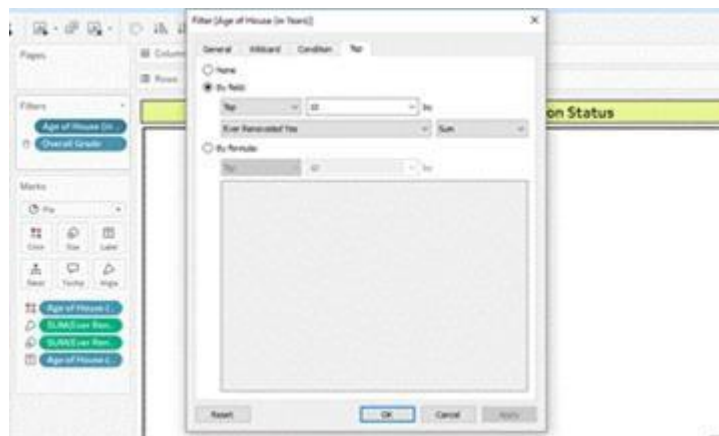
For scenario – 1



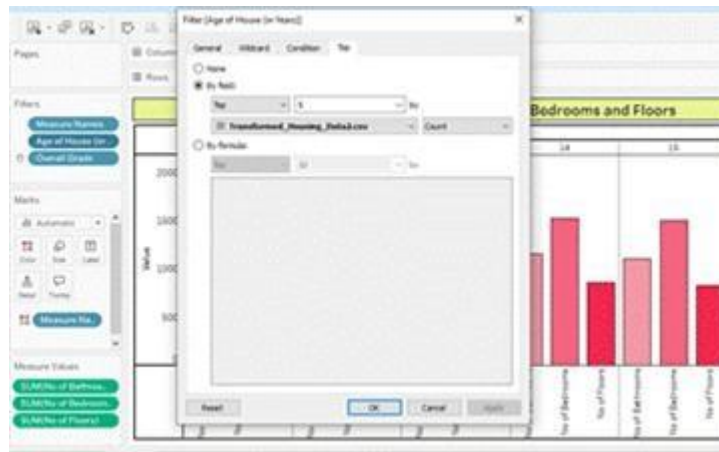
For scenario – 2



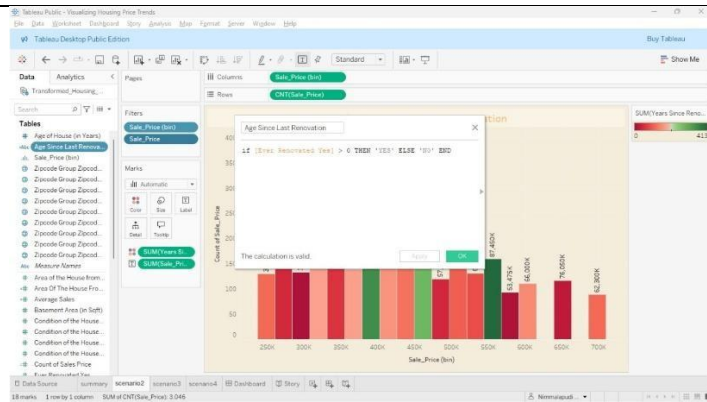
For scenario – 3



For scenario – 4

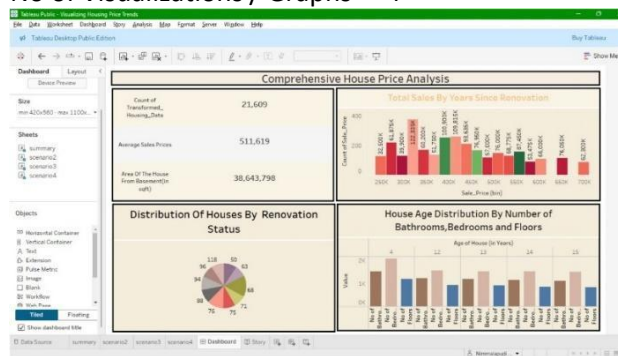


4. Calculation fields Used



5. Dashboard design

No of Visualizations / Graphs – 4



6

Story Design

No of Visualizations / Graphs – 4

