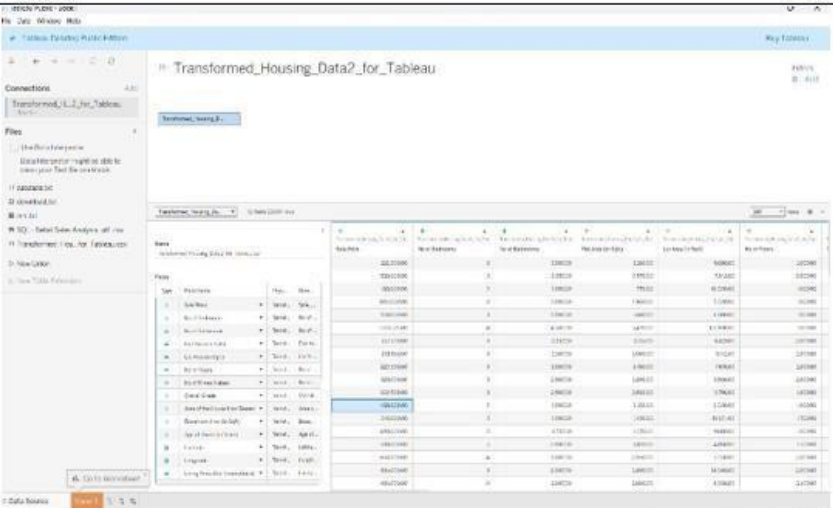
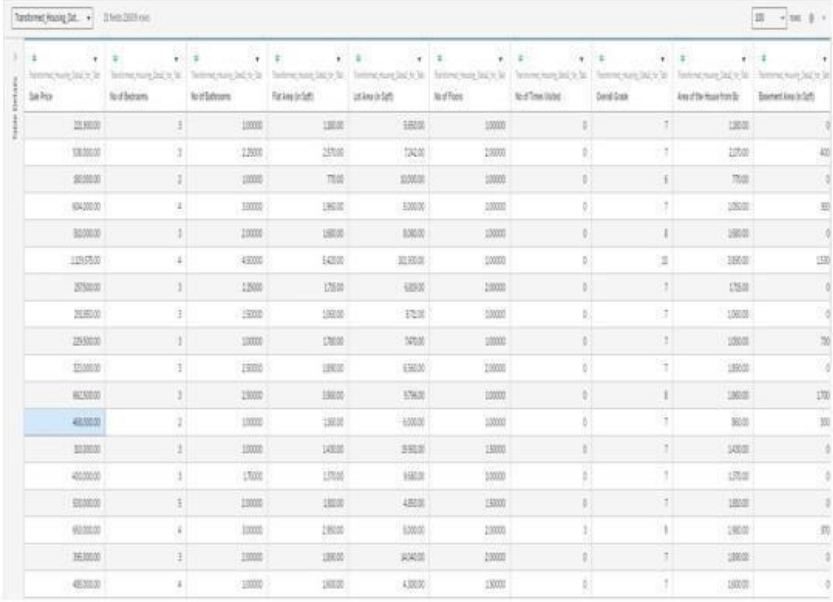


6. FUNCTIONAL AND PERFORMANCE TESTING

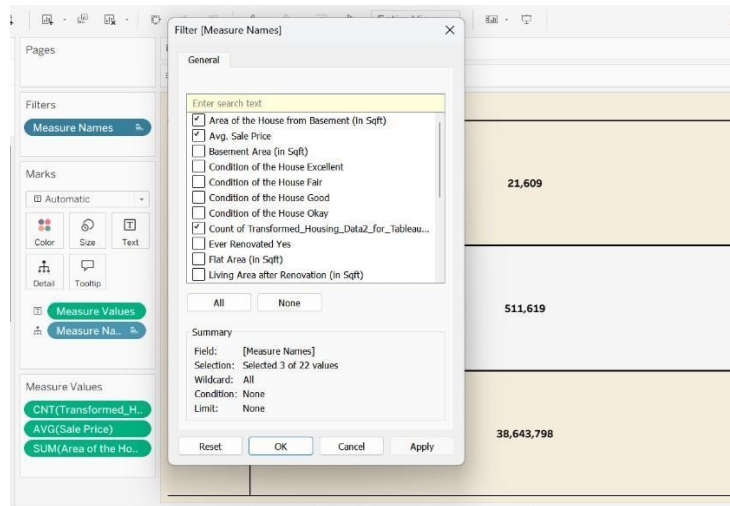
6.1 Performance Testing

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

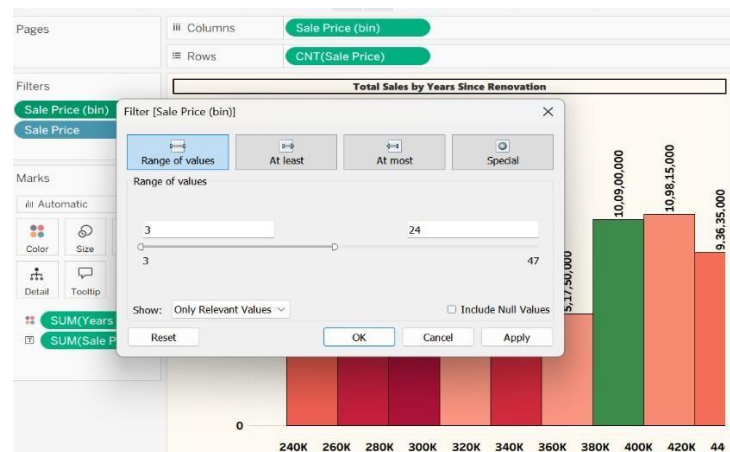
S.No.	Parameter	Screenshot / Values
1.	Data Rendered	
2.	Data Preprocessing	

3. Utilization of Filters

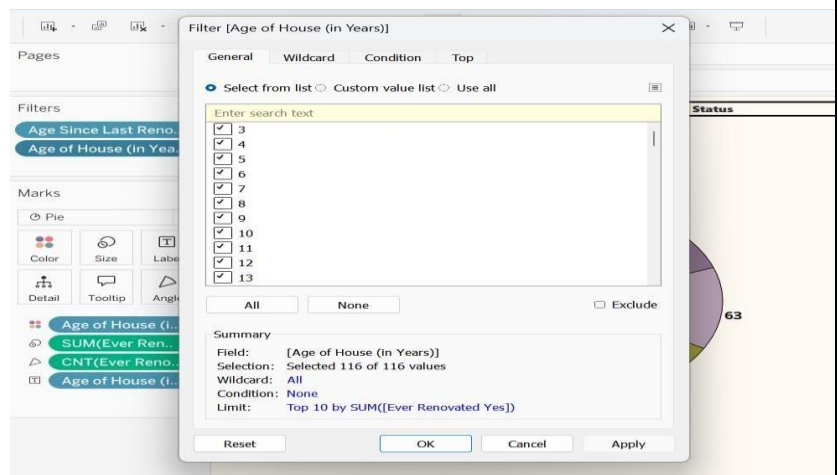
For scenario – 1



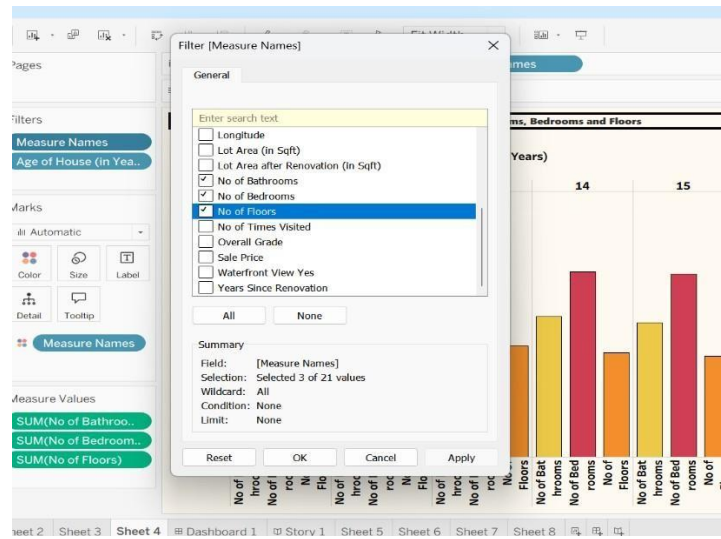
For scenario – 2



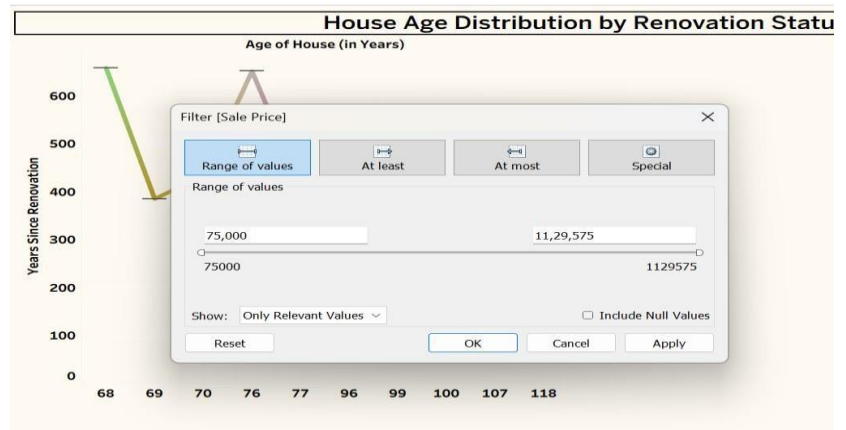
For scenario – 3



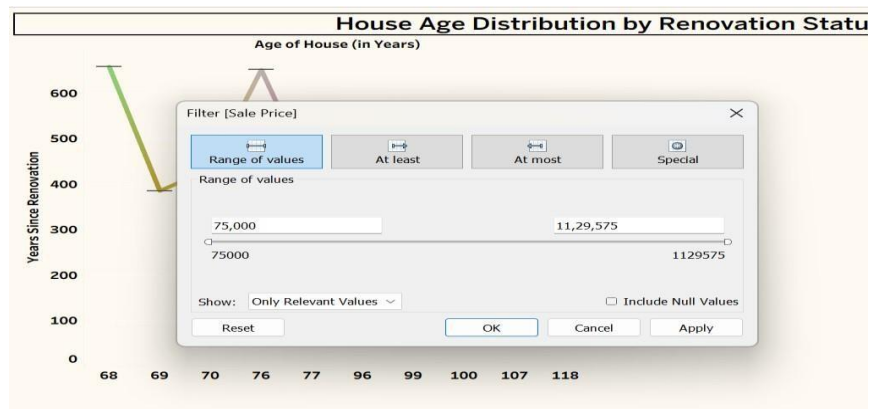
For scenario – 4



For scenario – 5



For scenario – 6



		<div>For scenario – 7</div> <div><div>Housing Features Share by Percentage</div><div><div><div>Filter [No of Bedrooms]</div><div><div>Range of values</div><div>At least</div><div>At most</div><div>Special</div></div><div><div>Range of values</div><div>0</div><div>33</div><div>0</div><div>33</div></div><div><div>Show: Only Relevant Values</div><div><input type="checkbox"/> Include Null Values</div></div><div><div>Reset</div><div>OK</div><div>Cancel</div><div>Apply</div></div></div></div></div>
4.	Calculation fields Used	<div><div>Distribution of House Age by Renovation Status</div><div><div>Age Since Last Reno</div><div>IF [Ever Renovated Yes]>0 THEN 'YES' ELSE 'NO' END</div><div>The calculation is valid. 3 Dependencies</div><div><div>Apply</div><div>OK</div></div></div><div><div>75</div><div>71</div><div>68</div></div></div>

5.

Dashboard design

No of Visualizations / Graphs – 4

Comprehensive House Data Analysis

Average Sale Price of Houses

Count of Transformed_Housing_Data2.csv

21,609

Avg. Sale_Price

511,619

Sum of Area of the House from Basement (in Sqft)

38,643,798

Property Age Analysis

Value

4

12

13

14

15

No of Floors

No of Floors

No of Floors

No of Floors

No of Floors

DISTRIBUTION OF HOUSE AGE BY RENOVATION STATUS

118

50

63

68

71

75

76

88

94

96

Average Sale Price by Basement Size Category

Sale_Price

4

10

11

12

13

14

15

41

1340

1400

1400

1300

1400

1340

1300

1400

Average Sale Price by Home Condition

overall condition

500K

400K

300K

200K

100K

0K

Excellent

Fair

Good

Poor

Unknown

Housing Features Share by Percentage

0.01%

0.57%

37.06%

1.67%

0.25%

0.09%

0.04%

0.02%

0.00%

House Age Distribution by Renovation Status

Age of House (in Years)

600

500

400

300

200

100

0

68

69

70

76

77

96

99

100

107

118

