

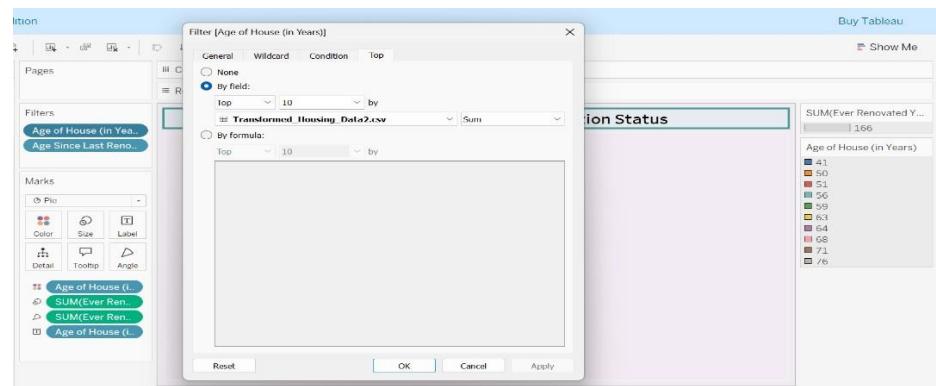
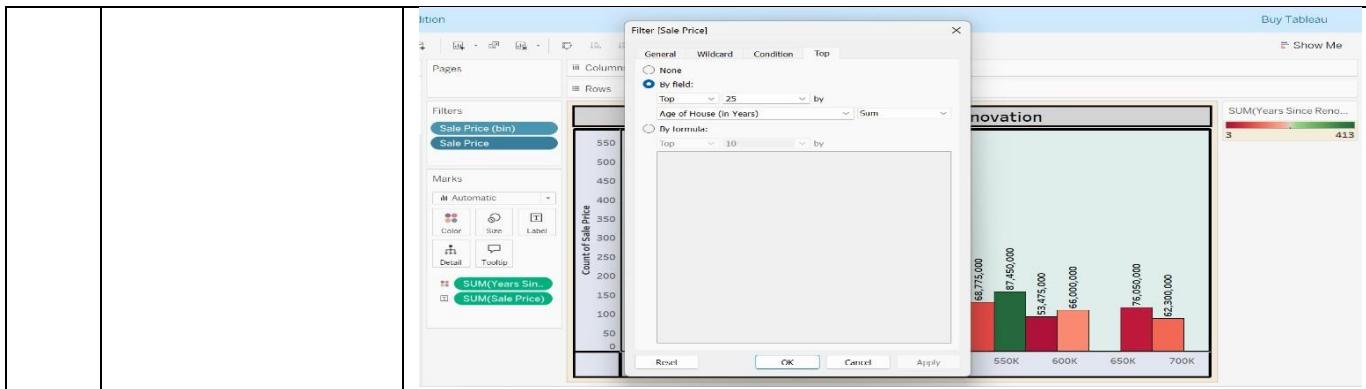
Project Development Phase

Model Performance Test

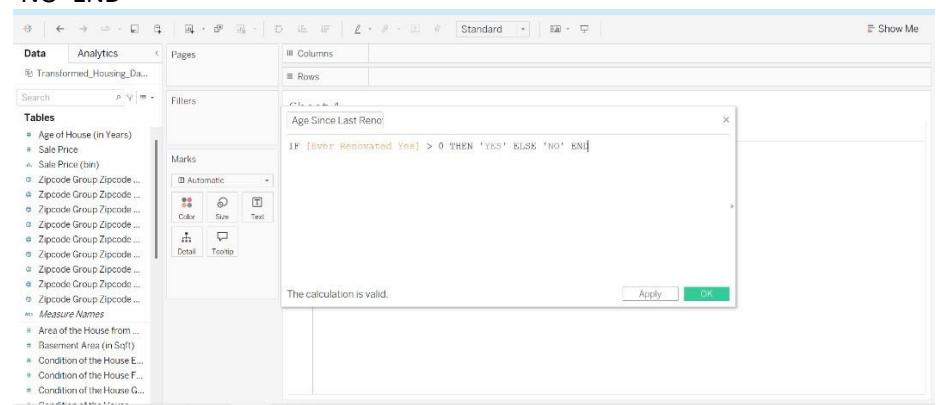
Date	15 February2026
Team ID	LTVIP2026TMIDS90490
Project Name	Visualizing Housing Market Trends: An Analysis of Sale Prices and Features using Tableau
Maximum Marks	

Model Performance Testing:

S.No	Parameter	Screenshot/Values
1.	Data Rendered	<p>Housing data with 21 columns and 2000+ records loaded from CSV into Tableau.</p>
2.	Data Preprocessing	<p>-Removed null values from 'price' and 'renovation_date'</p>
3.	Utilization of Filters	<p>Filters applied on: Sales Price Age of House (in years)</p>



4. Calculation fields Used
 $\text{Age Since Last Renovation} = \text{IF}[\text{EverRenovatedYes}] > 0 \text{ THEN 'YES' ELSE 'NO' END}$



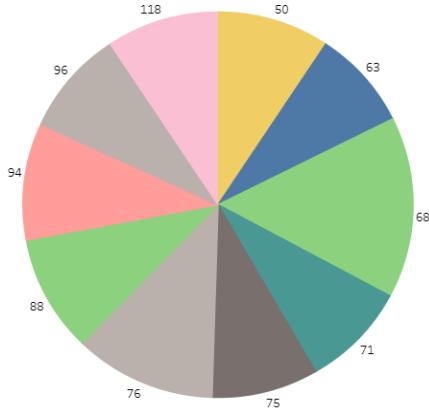
5.	Dashboard design	<p>No of Visualizations/Graphs–4</p> <p>Data Overview, Total Sales By Year Since Renovation, Distribution of House Age by Renovation Status , House Age Distribution by Number of Bathrooms, Bedrooms and Floors</p> <p>Dashboard 1</p> <p>Data Overview</p> <table border="1"> <thead> <tr> <th>Metric</th> <th>Value</th> </tr> </thead> <tbody> <tr> <td>Count of Transformed_Housing_Data2</td> <td>21,609</td> </tr> <tr> <td>Avg. Sale Price</td> <td>\$11,619</td> </tr> <tr> <td>Area of the House from Basement (in Sqft)</td> <td>30,643,798</td> </tr> </tbody> </table> <p>Total Sales By Years Since Renovation</p> <table border="1"> <thead> <tr> <th>Sale Price (bin)</th> <th>Count of Sale Price</th> </tr> </thead> <tbody> <tr> <td>250K</td> <td>31,400K</td> </tr> <tr> <td>300K</td> <td>61,475K</td> </tr> <tr> <td>350K</td> <td>79,820K</td> </tr> <tr> <td>400K</td> <td>122,335K</td> </tr> <tr> <td>450K</td> <td>151,500K</td> </tr> <tr> <td>500K</td> <td>149,835K</td> </tr> <tr> <td>550K</td> <td>219,845K</td> </tr> <tr> <td>600K</td> <td>177,205K</td> </tr> <tr> <td>650K</td> <td>134,470K</td> </tr> <tr> <td>700K</td> <td>86,030K</td> </tr> </tbody> </table> <p>Distribution of House Age by Renovation Status</p> <table border="1"> <thead> <tr> <th>Renovation Status</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>118</td> <td>50</td> </tr> <tr> <td>96</td> <td>63</td> </tr> <tr> <td>88</td> <td>48</td> </tr> <tr> <td>76</td> <td>71</td> </tr> <tr> <td>75</td> <td>72</td> </tr> </tbody> </table> <p>House Age Distribution by Number of Bathrooms, Bedrooms and Floors</p> <table border="1"> <thead> <tr> <th>Age of House (in Years)</th> <th>No of Bathrooms</th> <th>No of Bedrooms</th> <th>No of Floors</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>~3500</td> <td>~2200</td> <td>~1100</td> </tr> <tr> <td>12</td> <td>~3500</td> <td>~1500</td> <td>~1200</td> </tr> <tr> <td>13</td> <td>~3000</td> <td>~1500</td> <td>~1000</td> </tr> <tr> <td>14</td> <td>~3000</td> <td>~1500</td> <td>~1000</td> </tr> <tr> <td>15</td> <td>~3000</td> <td>~1500</td> <td>~1000</td> </tr> </tbody> </table>	Metric	Value	Count of Transformed_Housing_Data2	21,609	Avg. Sale Price	\$11,619	Area of the House from Basement (in Sqft)	30,643,798	Sale Price (bin)	Count of Sale Price	250K	31,400K	300K	61,475K	350K	79,820K	400K	122,335K	450K	151,500K	500K	149,835K	550K	219,845K	600K	177,205K	650K	134,470K	700K	86,030K	Renovation Status	Percentage	118	50	96	63	88	48	76	71	75	72	Age of House (in Years)	No of Bathrooms	No of Bedrooms	No of Floors	4	~3500	~2200	~1100	12	~3500	~1500	~1200	13	~3000	~1500	~1000	14	~3000	~1500	~1000	15	~3000	~1500	~1000
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6	Story Design	<p>No of Visualizations/Graphs– Story include 3 Sheets.</p> <p>House distribution is more influenced the number of bedrooms compared to bathrooms and floors.</p> <p>The age of houses varies based on their renovation status,providing a comprehensive overview.</p> <p>The importance of recent renovation in boosting property sales.</p> <p>House Age distribution By Number of Bathrooms,Bedrooms and Floors</p> <p>Age of House (in Years)</p> <table border="1"> <thead> <tr> <th>Age of House (in Years)</th> <th>No of Bathrooms</th> <th>No of Bedrooms</th> <th>No of Floors</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>~3500</td> <td>~2200</td> <td>~1100</td> </tr> <tr> <td>12</td> <td>~3500</td> <td>~1500</td> <td>~1200</td> </tr> <tr> <td>13</td> <td>~3000</td> <td>~1500</td> <td>~1000</td> </tr> <tr> <td>14</td> <td>~3000</td> <td>~1500</td> <td>~1000</td> </tr> <tr> <td>15</td> <td>~3000</td> <td>~1500</td> <td>~1000</td> </tr> </tbody> </table> <p>Measure Names</p> <ul style="list-style-type: none"> No of Bathrooms No of Bedrooms No of Floors <p>Age of House (in Years): 15 No of Bathrooms: 1,102</p>	Age of House (in Years)	No of Bathrooms	No of Bedrooms	No of Floors	4	~3500	~2200	~1100	12	~3500	~1500	~1200	13	~3000	~1500	~1000	14	~3000	~1500	~1000	15	~3000	~1500	~1000																																										
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Distribution of House Age By Renovation Status



Age of House (in Years)

50

63

68

71

75

76

88

94

96

118

Ever Renovated Yes

204

