

Data Collection and Preprocessing Phase

Date	18 March 2025
Team ID	LTVIP2025TMID26651
Project Title	Visualizing Housing Market Trends: An Analysis of Sale Prices and Features using Tableau
Maximum Marks	3 Marks

Data Quality Report Template

Data Source	Data Quality Issue	Severity	Resolution Plan
Transformed Housing Data 2	<ul style="list-style-type: none"> Missing values in key attributes. Duplicate records. Outliers affecting analysis. Incorrect data types or formats. Inconsistent data entry. 	Moderate	<ul style="list-style-type: none"> Filling missing values using mean/median/mode. Removing or correcting duplicates. Normalizing or transforming data types. Handling outliers using statistical techniques.
Transformed Housing Data 2	Duplicate records found (11 instances).	Moderate	Remove duplicate records using data cleaning techniques.
Transformed Housing Data 2	No of Times Visited' column contains only zero values, which may indicate missing or incorrect data.	High	Verify data source or remove column if it lacks meaningful information.

Transformed Housing Data 2	Zipcode representation is in multiple binary columns instead of a single categorical variable.	Moderate	Convert multiple binary columns into a single categorical 'Zipcode Group' column for better efficiency.
Transformed Housing Data 2	Potential outliers in 'Sale Price' and 'Lot Area' columns.	High	Use statistical methods to identify and handle outliers (e.g., IQR method).