

Data Collection and Preprocessing Phase

Date	13 March 2025
Team ID	LTVIP2025TMID25127
Project Title	Visualizing Housing Market Trends: An Analysis of Sale Prices and Features using Tableau
Maximum Marks	10 Marks

Data Exploration and Preprocessing Template

For the housing market dataset, data sources were identified from Kaggle. Quality issues such as missing values in total bedrooms and potential duplicates were assessed. Data cleaning techniques, including imputation and removal of inconsistencies, were applied to ensure accurate and reliable analysis.

Section	Description
Data Overview	This dataset focuses on housing market trends, analyzing factors like house age, total rooms, population, median income, and location to understand their impact on house prices. It helps in identifying pricing patterns and gaining real estate insights for better decision-making.
Data Cleaning	Handled Duplicate fields through Tableau Prep
Data Transformation	Created various calculated fields to show visualizations well and good
Save Processed Data	The dataset is about 2.3 MB, after cleaning the data it is compressed to 0.81 MB.