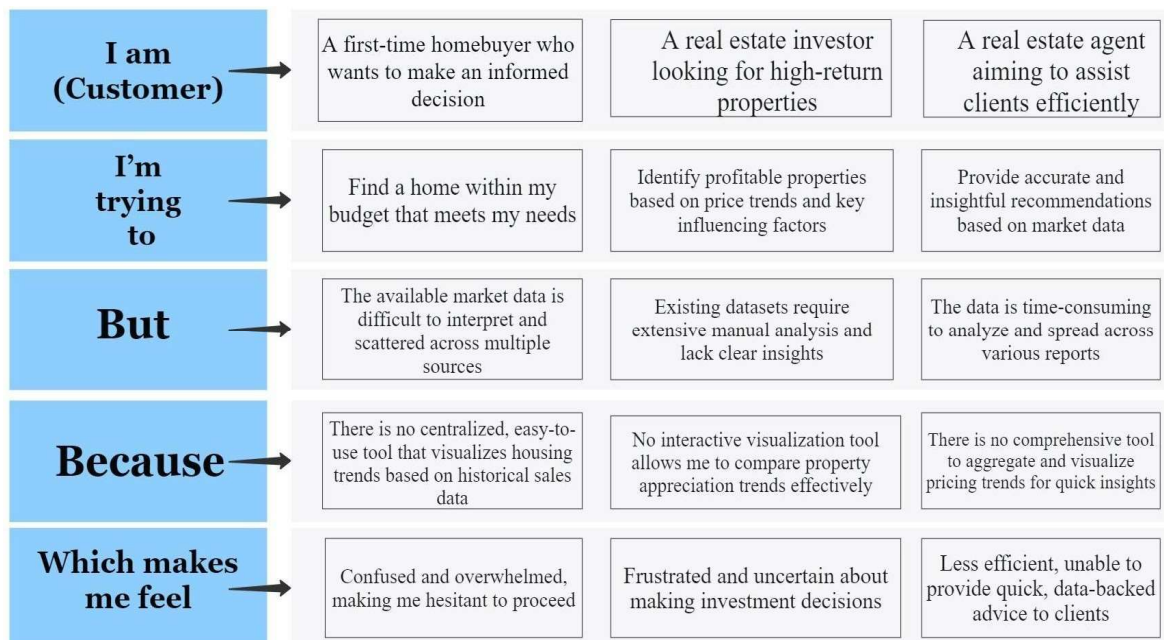


Project Initialization and Planning Phase

Date	09 February 2026
Team ID	LTVIP2026TMIDS48767
Project Name	Visualizing Housing Market Trends: An Analysis of Sale Prices and Features using Tableau
Maximum Marks	3 Marks

Visualizing Housing Market Trends: An Analysis of Sale Prices and Features using Tableau

The housing market is influenced by several factors, including location, property size, amenities, and economic conditions. Understanding these factors is crucial for homebuyers, investors, and real estate professionals to make informed decisions. However, traditional real estate reports and raw datasets are often complex and difficult to interpret.



Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	A first-time homebuyer who wants to make an informed decision	Find a home within my budget that meets my needs	The available market data is difficult to interpret and scattered across multiple sources	There is no centralized, easy-to-use tool that visualizes housing trends based on historical sales data	Confused and overwhelmed, making me hesitant to proceed
PS-2	A real estate investor looking for high-return properties	Identify profitable properties based on price trends and key influencing factors	Existing datasets require extensive manual analysis and lack clear insights	No interactive visualization tool allows me to compare property appreciation trends effectively	Frustrated and uncertain about making investment decisions

PS-3	Arealestate agentaimingto assist clients efficiently	Provide accurateand insightful recommendationsbased on market data	The data is timeconsuming to analyze and spread across variousreports	Thereisno comprehensive tooltoaggregate and visualize pricingtrendsfor quick insights	Lessefficient,unable to provide quick, databackedadviceto clients
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