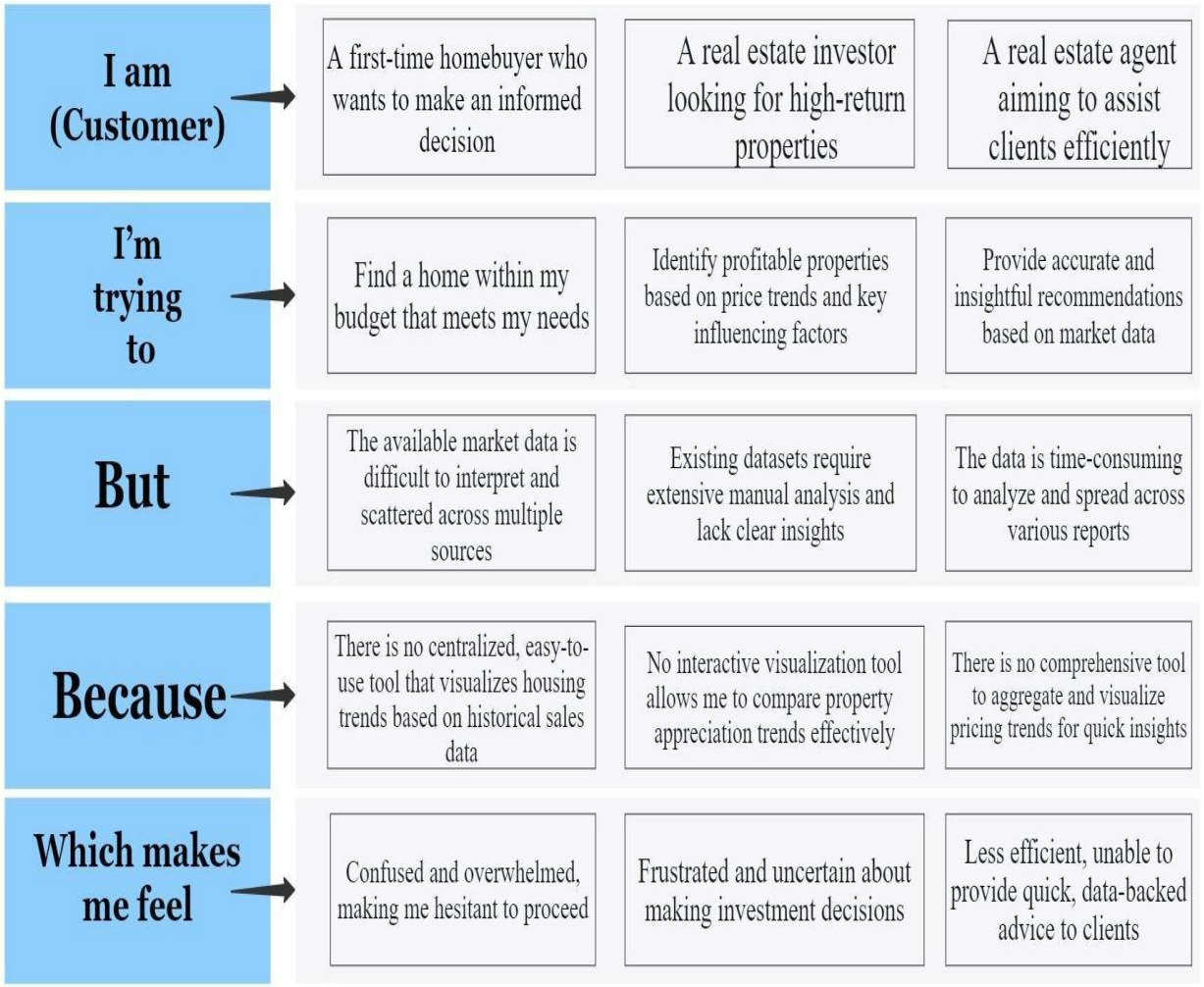
2. Ideation Phase
2.1 Define the Problem Statements

Date	14/06/25
Team ID	LTVIP2025TMID47833
Project Name	Visualizing housing market trends: an analysis of sale prices and features using tableau
Maximum Marks	2 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 highreturn properties	Identify profitable properties based on price trends and key influenci ng 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	A real estate agent aiming to assist clients efficiently	Provide accurate and insightful recommen d ations based on market data	The data is time-consuming to analyze and spread across various reports	There is no comprehensive tool to aggregate and visualize pricing trends for quick insights	Less efficient, unable to provide quick, data- backed advice to clients