

Project Design Phase
Problem – Solution Fit Template

Date	29 June 2025
Team ID	LTVIP2025TMID49726
Project Name	Visualizing Housing Market Trends An Analysis of Sale Prices and Features using Tableau
Maximum Marks	2 Marks

Problem Statement:

The real estate market faces challenges in understanding key trends, such as the impact of renovations, house age distribution, and feature-specific sales performance. Stakeholders often struggle with data scattered across multiple sources and lack actionable insights.

Solution:

A comprehensive data analytics solution using Tableau that enables:

- Centralized dashboards for visualizing sales trends, renovation impacts, and feature correlations.
- Real-time interactivity for filtering data by property type, age, and other parameters.
- Shareable, intuitive visualizations to assist stakeholders in making informed decisions.

Purpose:

1. Solve Complex Problems:
Help real estate professionals and market analysts interpret data trends and correlations effectively.
2. Succeed Faster:
Enable rapid adoption through an intuitive and easy-to-use platform.
3. Sharpen Communication:
Offer clear, interactive dashboards that present data insights in a visually compelling format.
4. Increase Touch-Points:
Provide stakeholders with regular updates through dynamic dashboards, fostering trust and improving decision-making.
5. Understand Existing Situations:
Analyze historical data to identify areas of improvement and forecast future trends.

Template:

