

Project Design Phase

Solution Architecture

Date	20/02/2026
Team ID	LTVIP2026TMIDS41691
Project Name	Visualizing Housing Market Trends: An Analysis of Sale Prices and Features using Tableau
Maximum Marks	4 Marks

Solution Architecture:

Solution architecture in this project acts as a strategic bridge between complex housing market challenges and effective data visualization technologies. It guides the development and delivery of an interactive analytics platform using Tableau. The goals of the solution architecture are to:

- ★ Identify the most suitable data visualization and analysis approach for interpreting housing market patterns.
- ★ Define the structural design, behavior, flow of data, and key functional modules of the Tableau dashboard for all project stakeholders.
- ★ Outline the analytical scenarios, dashboard features, and phased development plan required to meet business goals.
- ★ Establish the technical and data processing specifications to ensure the solution is usable, scalable, and ready for deployment.

Example - Solution Architecture Diagram:

