Project Design Phase
Solution Architecture

Date	17 February 2026
Team ID	LTVIP2026TMIDS34377
Project Name	Strategic Product Placement Analysis: Unveiling Sales Impact with Tableau Visualization
Maximum Marks	4 Marks

Solution Architecture:

The solution architecture for this project involves transforming raw housing data into actionable insights using Tableau. Data is first pre-processed using Excel or Python to create meaningful fields like house age and renovation status. This cleaned data is then visualized through interactive dashboards featuring KPIs, filters, and charts. Users such as analysts and executives interact with these dashboards to identify pricing trends and renovation impacts. The solution is scalable, user-friendly, and can be extended to support live data sources in the future.

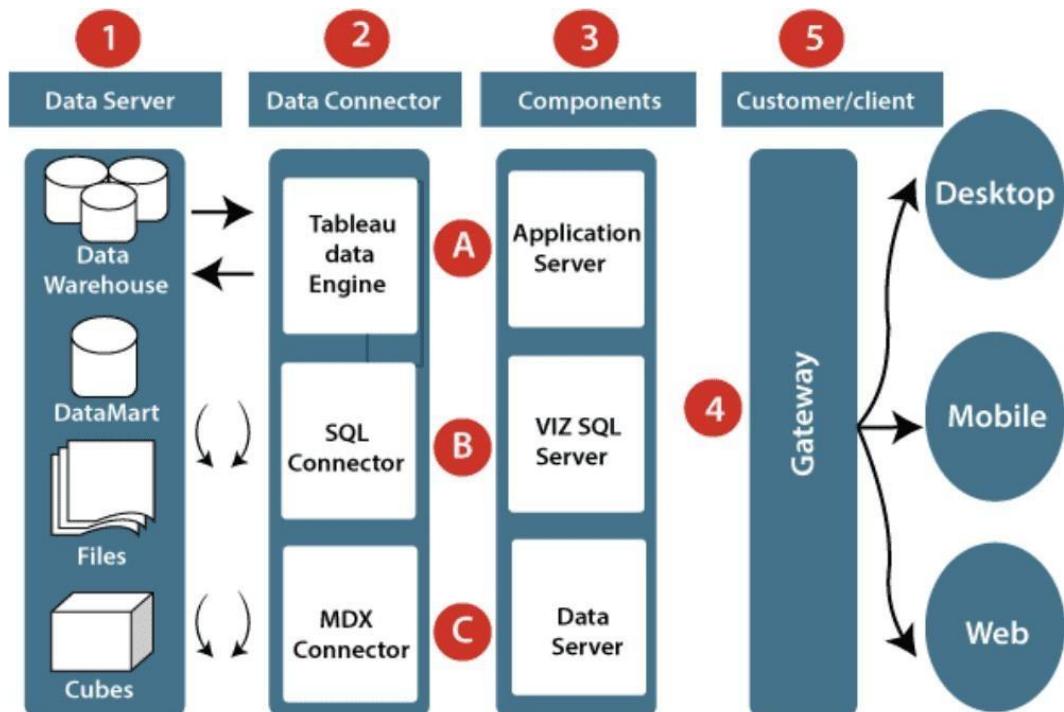## Example - Solution Architecture Diagram:

Figure 1: Architecture and data flow of the Strategic Product Placement Analysis.