

Project Design Phase-II

Technology Stack (Architecture & Stack)

Date	09 February 2026
Team ID	LTVIP2026TMIDS49558
Project Name	Strategic Product Placement Analysis: Unveiling Sales Impact with Tableau Visualization
Maximum Marks	4 Marks

Technical Architecture:

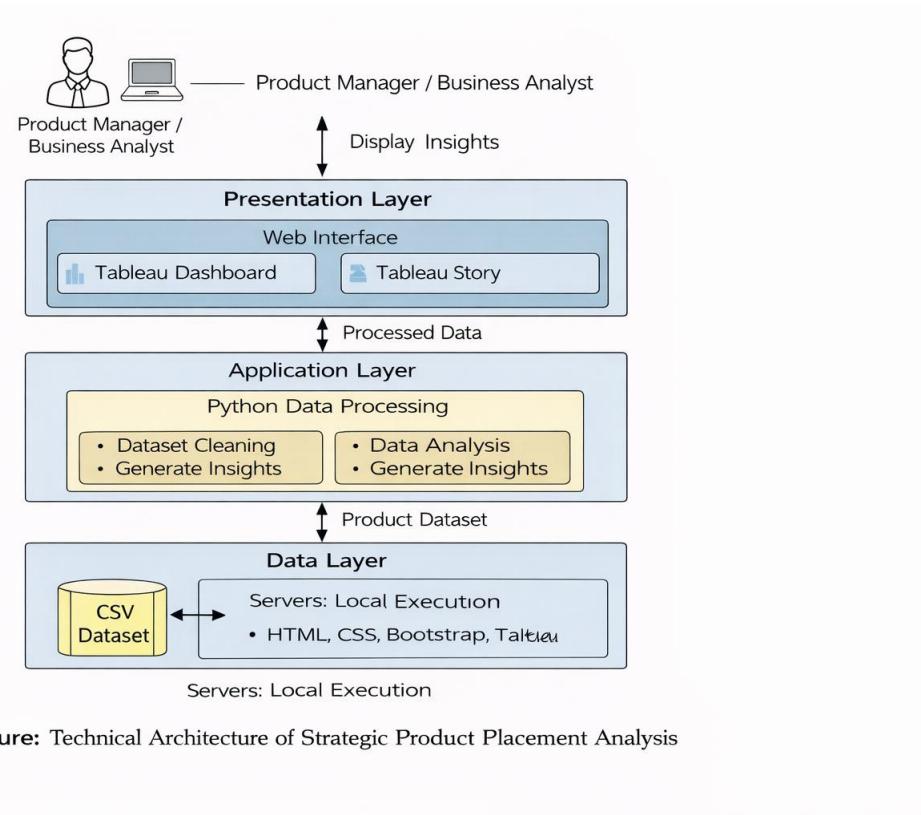


Table-1 : Components & Technologies:

S.No	Component	Description	Technology
1.	User Interface	Displays dashboards and insights	HTML, CSS, Bootstrap
2.	Data Processing	Data cleaning and transformation	Tableau public
3.	Data Analysis	Price vs rating & segment analysis	Python
4.	Data Visualization	Interactive dashboard creation	Tableau
5.	Story Visualization	Insight explanation using story	Tableau Story
6.	Dataset Storage	Product dataset storage	CSV File
7.	Version Control	Project code management	GitHub
8.	Infrastructure	Local system execution	Windows OS

Table-2: Application Characteristics:

S.No	Characteristics	Description	Technology
1.	Usability	Simple and interactive dashboard interface	Tableau UI
2.	Security	Local execution without external exposure	Local System
3.	Reliability	Structured dataset ensures consistent analysis	CSV Dataset
4.	Performance	Optimized data size for smooth dashboard rendering	Tableau
5.	Availability	Runs locally anytime without internet dependency	Local System

