Project Design Phase Solution Architecture

Date	24 JUNE 2025
Team ID	LTVIP2025TMID52047
Project Name	iRevolution: : strategic product placement analysis:unveiling sales impact using Tableau
Maximum Marks	4 Marks

Solution Architecture:

Solution architecture is a complex process – with many sub-processes – that bridges the gap between business problems and technology solutions. Its goals are to:

- Find the best tech solution to solve existing business problems.
- Describe the structure, characteristics, behavior, and other aspects of the software to project stakeholders.
- Define features, development phases, and solution requirements.
- Provide specifications according to which the solution is defined, managed, and delivered.

Solution Architecture Diagram:

Solution Architecture Data Integration Business Logic Deployment **Data Sources** & Processing & Analytics & Access Control Internal CRM/ ETL tool **KPI** modeling Authentication **ERP** Segmentation Role-based Market Research Database engine views Web & Social Pricing elasticity Performance data Data mart models monitoring Retail transactions Time series Moblle + dark forecasting **UI** styling Survey tools Data Sources → Data stion & Processing → Visilization & Interaction