Project Design Phase Solution Architecture

Date	26 June 2025		
Team ID	LTVIP2025TMID49104		
Project Name	Cosmetic Insights _ Navigating Cosmetics		
	Trends and Consumer Insights with Tableau		
Maximum Marks	4 Marks		

Solution Architecture Cosmetics Data Analytics Platform:

Solution architecture for the cosmetics analytics platform is a structured process that connects **beauty industry challenges**—such as shifting consumer preferences, product performance tracking, and market competition—with advanced **technology solutions**. The architecture ensures that business goals are effectively addressed through scalable and insightful systems.

Its objectives are to:

- Identify the most effective technology stack (e.g., data pipelines, BI tools, AI models) to analyze cosmetic product sales, customer trends, and inventory optimization.
- Describe the structure and behavior of the analytics platform, including how data flows from raw product databases and sales channels to visual dashboards and predictive models.
- **Solution Section Se**
- Provide technical specifications and architectural standards to ensure seamless integration, high performance, and maintainability of the entire cosmetics solution.

Example - Solution Architecture Diagram:

SOLUTION ARCHITECTURE

