

## Project Design Phase

### Solution Architecture

Date	15 February 2025
Team ID	LTVIP2026TMIDS47501
Project Name	Strategic Product Placement Analysis
Maximum Marks	4 Marks

### Solution Architecture:

- The solution architecture bridges the gap between retail business challenges and a scalable analytical technology platform.
- It integrates a Flask-based web application with Tableau dashboards for interactive data visualization.
- The architecture ensures secure data processing, structured storage, and real-time analytical insights delivery.
- It supports modular expansion, cloud deployment, and role-based access control for scalable business growth.

### Solution Architecture Diagram:

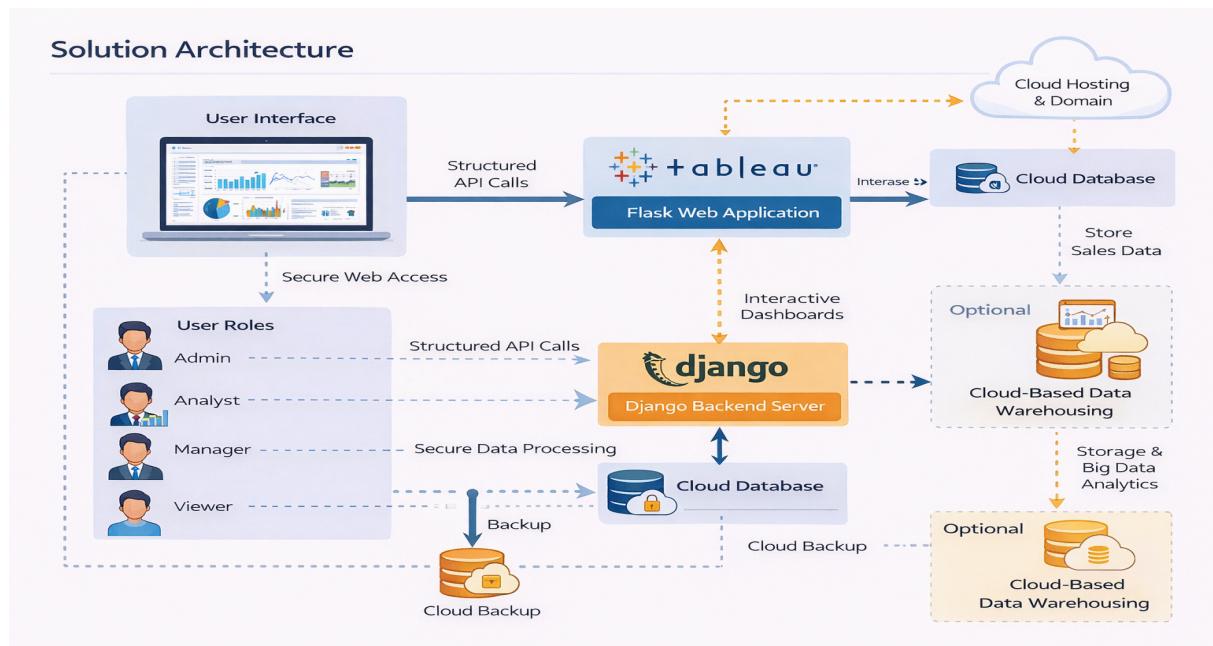


Figure 1: Architecture and data flow of the voice patient diary sample application