Solution Architecture

Team ID	LTVIP2026TMIDS36712
Project Name	iRevolution – A Data-Driven Exploration of Apple's iPhone Impact in India using Tableau

Solution Architecture:

The iRevolution project analyzes the impact of Apple's iPhone in India using data. The architecture shows how data moves from the user to insights.

Flow:

User → Web UI (Tableau Dashboard) → Application Logic (Python/Tableau) → Database → Visualization & Insights

User: Accesses the dashboard to explore iPhone data.

Web UI: Displays the dashboard where users can filter and compare iPhones.

Application Logic: Processes data and generates insights.

Database: Stores iPhone data like price, specifications, and reviews.

Visualization & Insights: Shows interactive charts and comparisons to help users decide.

Goals:

Make iPhone comparison simple and interactive.

Provide clear insights and recommendations.

Keep the system scalable and secure.

Solution Architecture Diagram: