Problem Definitions:

1. Inconsistent Service Quality Across Guest Interactions

Issue: Hotels struggle to provide a consistent level of service during various guest interactions, affecting customer satisfaction.

2. Predicting Visitor Preferences and Offering Individualized Services

Issue: Understanding and predicting guests' needs and preferences to deliver tailored experiences can be challenging.

3. Inefficient Room Pricing Strategies:

Issue: Room pricing strategies often fail to adjust based on demand and market trends, impacting revenue generation.

4. High Labor and Energy Expenses Leading to Ineffective Resource Management

Issue: Excessive labor and energy costs due to inefficient scheduling and resource utilization increase operational expenses.

5.Improving Overall Operational Efficiency

Issue: Hotels face challenges in managing their operations efficiently while maintaining a balance between cost control and service quality.