**Artificial Intelligence and Data Science**

**Semester: 6**

**Course Name: Mini project (ADD334)**

**Topic :** Price Recommendation System for Hospitality Industry

**Abstract :**

This paper presents a room price recommendation system for the hospitality industry. The system takes into account various factors such as location, amenities, and seasonality to predict the optimal price for a hotel room. By using historical pricing data and machine learning algorithms, the system can provide real-time recommendations to hotel managers, enabling them to make informed pricing decisions. The results of the system's implementation show a significant improvement in room occupancy rates and revenue, compared to traditional pricing strategies. The system provides a practical solution for hotel managers to stay competitive in the ever-changing hospitality market.

**Batch Number : 13**

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