ABSTARCT ON

TRAVEL PLANNER

AN AIML BASED MODEL

AIM:

This paper presents the design of a machine learning-based travel planning and booking system capable of recommending personalized destinations, flights, hotels, and activities. The model leverages user preferences such as budget, travel duration, interests, and past behaviour to provide tailored suggestions.

PROCEDURE:

Data Collection of

- User Data: Past bookings, reviews, demographic details, search history, and preferences.
- Travel Data: Information on destinations, airlines, hotel options, seasonal trends, weather, pricing, and activities.
- External Data: Real-time pricing of flights and hotels, availability, holiday seasons, and local events.

GOAL:

The model is also designed to consider external factors like seasonal trends, real-time availability, and pricing to optimize recommendations. Performance evaluation demonstrates the model's ability to enhance user satisfaction and streamline the travel booking process

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