



ABSTRACT ON

TRAVEL PLANNER.

AN AIML BASED MODEL

SREEJA NASANI-2320030342

THOTA HEMA-232003007

JAHNAVI PATNALA-2320030358

SRIJA-2320030098



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 behavior 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

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quote here”

- Quote source -



availability, and pricing to optimize recommendations. Performance evaluation demonstrates the model's ability to enhance user satisfaction and streamline the travel booking process.