Project Proposal

Name of the Project: Roadrunner (The Travel Planner)

The URL of the Project Web Page: https://bil495project.github.io/Boolean-Rhapsody/

Names of the Team Members:

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Project Description (1-2 paragraphs): Modern travel planning is a difficult and time-consuming process. A typical traveler navigates numerous websites and applications to research destinations, find the places he would like to see and plan daily activities. This often results in a generic, non-personalized travel experience and significant cognitive overhead for the user. Existing platforms offer search and filter capabilities but lack a deep understanding of individual traveler preferences, such as travel style, budget pacing, dietary needs, or specific interests like architecture, hiking, or local cuisine.

This project proposes the creation of a smart AI-driven travel assistant that centralizes and personalizes the entire trip-planning lifecycle. By leveraging machine learning to build a dynamic profile for each user, the assistant will learn their unique preferences and constraints. It will then intelligently generate end-to-end travel plans that are genuinely tailored to the individual, transforming a stressful planning process into a seamless and inspiring conversation.