ACE

Engineering College

An AUTONOMOUS Institution

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE)

Minor Project Stage – I

ABSTRACT

Smart Trip Planner Based on Generative AI

Trip planning is a challenging task that involves thorough research and real-time decision-making, characterized by extensive research and real-time decision-making. Smart Trip Planner addresses these challenges by leveraging Generative AI and Data Science to create personalized, AI-driven travel itineraries. Utilizing advanced Generative AI, the system dynamically adapts to user preferences, budget constraints, and real-time updates, providing a tailored travel experience that simplifies the logistical complexities of planning a trip. Smart Trip Planner ensures seamless cross-platform compatibility, allowing users to access the application on both web and mobile devices with a single codebase. Smart Trip Planner includes recommendation analysis using TensorFlow to provide personalized travel suggestions based on user preferences, historical data, and real-time insights, enhancing the smart trip planning experience.

In conclusion, Smart Trip Planner embodies the convergence of Generative AI, Data Science, and cross platform development, offering an autonomous and adaptive solution for modern travel planning, enhances every aspect of travel planning, making it smarter and more efficient.

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