

AI-Powered One-Stop Travel Solution Web Platform: A Survey

Akshay Sose, Abhay Tagad, Samruddhi Shinde, Sneha Chahande, Yogesh Handge

Students, Department of Computer Engineering

Assistant Professor, Department of Computer Engineering

SCTR's Pune Institute of Computer Engineering (PICT), Pune, Maharashtra, India

Abstract: *The travel industry is increasingly adopting artificial intelligence (AI); however, most existing solutions primarily focus on individual travelers. This survey reviews AI-powered platforms designed for travel agencies, enabling them to register trips, manage bookings, and collaborate with local vendors. By analyzing recent research on AI-driven recommendation systems, intelligent chatbots, and itinerary optimization, this paper identifies prevailing trends, methodologies, and research gaps. The survey highlights the need for an integrated, agency-centric AI platform that enhances operational efficiency, improves client personalization, and streamlines collaboration with hyper-local service providers.*

Keywords: AI in travel, travel agencies, recommendation systems, chatbots, itinerary optimization, survey

