

Building a multi-task AI agent: Automatically scheduling and optimizing travel costs

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Abstract: In the context of the continuous development of information technology and artificial intelligence (AI), automating itinerary planning and optimizing travel costs is becoming increasingly important. This topic focuses on building a multi-task AI Agent system capable of automating both of these functions, aiming to solve the complex problem of scheduling trips and managing travel budgets effectively. The research methodology includes a combination of theoretical analysis and experimentation, thereby creating a flexible and feasible system for users. The expected results of this topic not only enhance the travel experience but also make a significant contribution to the fields of AI and travel management.

Keywords: AI Agent, automation, cost optimization, scheduling, artificial intelligence system