Travel and Tourism Platform

Team members

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The Travel and Tourism Platform is a comprehensive application that integrates MongoDB, Neo4j, and Redis to provide rich functionalities for exploring travel destinations worldwide. This project is designed to offer users insights into destinations, accommodations, itineraries, and real-time updates, all works through an interactive Streamlit web interface.

Database Integration:

- MongoDB: Stores structured data about destinations, including accommodations, itineraries, weather, and best travel seasons.
- Neo4j: Handles relationships between countries and their destinations.
- Redis: Provides real-time data updates such as popularity, weather, and bookings

Sample Outputs

Streamlit App:

- \circ User selects "France" -> Destinations: Paris, Nice, Lyon.
- O Detailed view of Paris: Best season, accommodations, itineraries, and real-time popularity.



Conclusion:

Tried integrating 3 databases with a use case of travel app and trying to add some more enhancements for the improvement of implementations