AI-Powered Python Itinerary Generator Comparison

Evaluating a Python itinerary generator built with AI and web scraping.

Based on Building A Python Itinerary Generator With Ai And Location Scraping Cursor Gemini 2 5 Flash by Casey Builds It

Factor	Feature	Implementation Details	Considerations
Core Functionality	Generates trip plans based on user input	Python-based application	Standalone tool, not reliant on pre-scraped content
User Input	Dates, number of adults, kids, dogs, budget, custom activities	Defined conversationally with LLM	Enables personalized itinerary generation
Location Data Source	Dynamically pulls data on the fly	Uses free sources: OpenStreetMap, Wikipedia, DuckDuckGo	Tests viability of free data vs. paid APIs
AI Integration	Uses Google Gemini 2.5 Flash	Facilitates conversational feature definition and real-time debugging	Enables 'vibe coding' for rapid prototyping
Output Format	Exports finished itineraries to PDF	Facilitates easy sharing or client handover	Practical for personal or professional use
Testing Locations	Colorado Springs	Portland, Maine (tested handling of ambiguous names)	Highlights need for robust location handling
Debugging & Comparison	Addressed broken location scrapes	Compared free scraping vs. paid options (Google Places API)	Compared LLM costs (Gemini Flash vs. Claude)
Future Enhancements	Weather API integration	GPS-based distance filtering	Event API integration

Resources & Further Reading

Related guides to support your comparison:

Build a Python Itinerary Generator (Action Sheet)

https://storage.googleapis.com/casey-builds-it-checklists-20260802-95ba76/casey-builds-it/Action%20Sheet/building-a-python-itinerary-generator-with-ai-and-location-scraping-cursor-gemin-action-sheet.pdf

Questions to Ask Before Building Your Own AI Itinerary Generator

https://storage.googleapis.com/casey-builds-it-checklists-20260727-d45d2a/casey-builds-it/Questions%20to%20Ask/building-a-python-itinerary-generator-with-ai-and-location-scraping-cursor-gemin-questions-to-ask.pdf

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Free data scraping and AI can create a functional itinerary generator, with clear paths for scaling.