

Python Itinerary Generator Comparison

Evaluating AI-powered itinerary generation with dynamic data 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 Detail	Considerations
Core Functionality	Generates trip plans	Based on user input (dates, party size, budget, activities)	Standalone tool from an existing feature
Data Sourcing	Dynamic location data scraping	Uses free sources: OpenStreetMap, Wikipedia, DuckDuckGo	Alternative: Paid APIs (e.g., Google Places API)
AI Integration	Uses LLM for feature definition and debugging	Google Gemini 2.5 Flash	Comparison with Claude for cost-effectiveness
Development Environment	Vibe coding with Cursor	Conversational feature definition, live testing, real-time debugging	Speeds up prototyping
Output Format	Exports itineraries to PDF	Suitable for clients or personal use	Enables practical trip planning
Testing Locations	Tested against real locations	Colorado Springs, Portland (Maine)	Identified issues with ambiguous place names
Debugging Challenges	Encountered broken location scrapes	Practical comparison of free vs. paid scraping methods	Cost implications for scaling
Future Enhancements	Weather API integration	GPS-based distance filtering	Event API integration, Database caching
Scalability Path	Standalone script to full web app	Requires caching and additional API integrations	Potential for a robust application

Resources & Further Reading

Related guides to support your comparison:

■ Build a Python Itinerary Generator (Action Sheet)

<https://storage.googleapis.com/casey-builds-it-checklists-20260727-d45d2a/casey-builds-it/Action%20Sheet/building-a-python-itinerary-generator-with-ai-and-location-scraping-cursor-gemin-action-sheet.pdf>

■ Python Itinerary Generator Checklist

<https://storage.googleapis.com/casey-builds-it-checklists-20260727-d45d2a/casey-builds-it/Checklist/python-itinerary-generator-checklist.pdf>

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AI and web scraping enable a dynamic, cost-effective itinerary generator.