

FAQ: Python Itinerary Generator

Answers about building an AI-powered trip planner with location scraping.

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

Q: What is the Python Itinerary Generator tool?

A: It's a standalone Python application that generates trip plans based on user input like dates, number of travelers, budget, and activity preferences. It can also export these plans to PDF.

Q: How does this tool get location information?

A: Instead of using a fixed database, it dynamically pulls location-based ideas on the fly. It uses free sources like OpenStreetMap, Wikipedia, and DuckDuckGo to find real businesses and activities.

Q: What makes this itinerary generator different from other AI travel tools?

A: This build focuses on a scrappy, free-data scraping approach rather than relying on static datasets or expensive APIs. It tests the viability of using free sources for generating usable itineraries.

Q: What AI tools were used in building this itinerary generator?

A: The build utilized Cursor for 'vibe coding' and Google Gemini 2.5 Flash as the Large Language Model (LLM) for defining features conversationally and debugging in real time.

Q: How did the development process start?

A: The process began by feeding reference material from an existing Airbnb-style website's itinerary feature into Cursor as an example. This helped define the core features.

Q: What core features were defined for the itinerary generator?

A: The core features include date selection, party composition (adults, kids, dogs), budget level, custom activity requests, and PDF export.

Q: What locations were used to test the tool?

A: The tool was tested live against Colorado Springs and Portland, Maine. Portland, Maine was specifically chosen to see how the tool handles ambiguous or duplicate place names.

Q: Were there any debugging challenges during the build?

A: Yes, there was a debugging session around a broken location scrape. The build also included a practical comparison between free scraping methods and paid options like the Google Places API.

Q: How does the cost of AI models compare for this type of workload?

A: The article mentions a practical comparison between Gemini Flash and Claude for this workload, highlighting that API pricing is a significant factor as a tool scales beyond personal use.

Q: What are some potential future enhancements for this tool?

A: Future ideas include integrating a Weather API for smarter daily planning, GPS-based distance filtering for realistic suggestions, and using Event APIs to surface local happenings.

Q: Can this tool be expanded into a web application?

A: Yes, the article suggests that with database caching for previously scraped areas and additional API integrations, it could be turned into a full web application.

Q: What are the trade-offs of using free scraping sources?

A: Free scraping sources like OpenStreetMap, Wikipedia, and DuckDuckGo can produce usable results, but they come with real tradeoffs compared to paid APIs.

Q: How does conversational AI development speed up prototyping?

A: Defining features conversationally with an LLM inside Cursor significantly speeds up the prototyping process by allowing for real-time testing and debugging.

Q: Why is testing against multiple locations important?

A: Testing against multiple, even ambiguous, locations early in the development process helps expose weaknesses before they become larger problems.

Resources & Further Reading

Related guides for these FAQs:

■ Build a Python Itinerary Generator (Action Sheet)

<https://storage.googleapis.com/casey-builds-it-checklists-20260728-24e1c3/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

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