

Python Itinerary Generator FAQ

Learn 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?

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

Q: How does the itinerary generator get location information?

A: Instead of using a fixed database, the tool dynamically pulls location-based ideas on the fly from free sources such as OpenStreetMap, Wikipedia, and DuckDuckGo.

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

A: This build focuses on a 'scrappy,' free-data approach, pulling information in real-time, rather than relying on static datasets or expensive APIs common in many AI travel tools.

Q: What kind of user input does the tool accept?

A: The tool accepts dates, the number of adults, kids, and dogs, budget preferences, and custom activity requests to tailor the itinerary.

Q: Can the generated itinerary be shared?

A: Yes, the tool exports finished itineraries to PDF format, making them easy to hand off to clients or use for personal trip planning.

Q: What development tools were used for this build?

A: The project utilized Cursor for 'vibe coding' with an LLM, specifically Google Gemini 2.5 Flash, for conversational feature definition and real-time debugging.

Q: How was the tool tested during development?

A: The tool was tested live against different locations, including Colorado Springs and Portland, Maine, to assess its performance and ability to handle various place names.

Q: Were there any challenges encountered during the build?

A: Yes, challenges included debugging a broken location scrape and comparing the effectiveness and cost of free scraping methods versus paid APIs like Google Places API.

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

A: Future ideas include integrating a Weather API for better day-by-day planning, GPS-based distance filtering, and using Event APIs to find local happenings.

Q: Can free data sources provide usable itinerary information?

A: Yes, free sources like OpenStreetMap, Wikipedia, and DuckDuckGo can produce usable results, though there are tradeoffs compared to paid APIs.

Q: How does using an LLM in Cursor affect the development process?

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

Q: What is the potential for this tool to evolve?

A: This tool has a clear path to evolve from a standalone script into a full web application with features like database caching and additional API integrations.

Q: What was the primary goal of this project?

A: The main goal was to test if a scrappy, free-data approach could be sufficient to generate a usable itinerary for a real location, as an alternative to tools relying on static datasets or expensive APIs.

Resources & Further Reading

Related guides for these FAQs:

■ Build a Python Itinerary Generator (Action Sheet)

<https://storage.googleapis.com/casey-builds-it-checklists-20260731-e718c1/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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