

# AITRIPZ

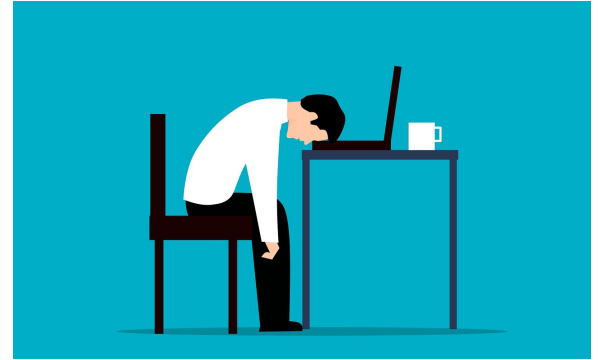
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# Motivation

Lots of people dream of visiting somewhere new but never do.

- Too intimidated by logistics of planning a trip
- Unwilling or unable to pay a travel agency to do the legwork for them


Our AIRIPZ aims to simplify this process with the click of a button and a few parameters.



# Existing AI Trip Planner Options


## Option One: AI.Adventures

- Gives top attractions, weather, how to get around, recommended tours, and provides Google Map links
- Lists top things to do by *country* with no sense of distance between the top attractions.

AI.adventures  Destinations Blogs Contact us


### Your Top Things To Do in ITALY

#### MOUNT ETNA



Mount Etna is the highest active volcano in Europe, and one of the most active in the world. Located on the east coast of Sicily, Etna offers hiking trails for hiking enthusiasts and nature seekers. Spectacular views and the unique experience of seeing a living, breathing volcano can't be missed.

#### COLOSSEUM



The Colosseum, also known as the Flavian Amphitheatre, is one of the most renowned and iconic landmarks in the world. This colossal structure, built during the Flavian dynasty, is a testament to the architectural prowess of the ancient Romans and reveals an intriguing gladiatorial past.

# Existing AI Trip Planner Options

## Option Two: Roam Around

- Displays picture and a Book Now link to Viator tours, but lacks map
- Offers Morning, Afternoon, and Evening Itineraries
- No food or other info
- Repeats its recommendations

### DAY 1

📅 JULY 23



#### AFTERNOON

Indulge your sweet tooth at [Jacques Torres Chocolate](#), a famous chocolatier in Brooklyn. Take a chocolate-making class or simply sample some of their delicious treats. Afterward, visit [Empire Fulton Ferry in Brooklyn Bridge Park](#), where you can enjoy scenic views of the Brooklyn Bridge and the Manhattan skyline. Explore the park's green spaces and public art installations before heading to the nearby neighborhood of [Carroll Gardens](#), known for its charming streets lined with brownstones and Italian-American heritage.

### DAY 2

📅 JULY 24



#### AFTERNOON

Explore the vibrant neighborhood of [Dumbo](#), known for its art galleries, boutiques, and stunning views of the Brooklyn Bridge. Visit local artisanal food shops like [Jacques Torres Chocolate](#) for some delicious handmade chocolates or Brooklyn Ice Cream Factory for some artisanal ice cream. Afterward, head to [Brooklyn Bridge Park](#) and enjoy the scenic views of the Manhattan skyline while indulging in some tasty snacks from the food vendors in the park.

# Goal



Itinerary

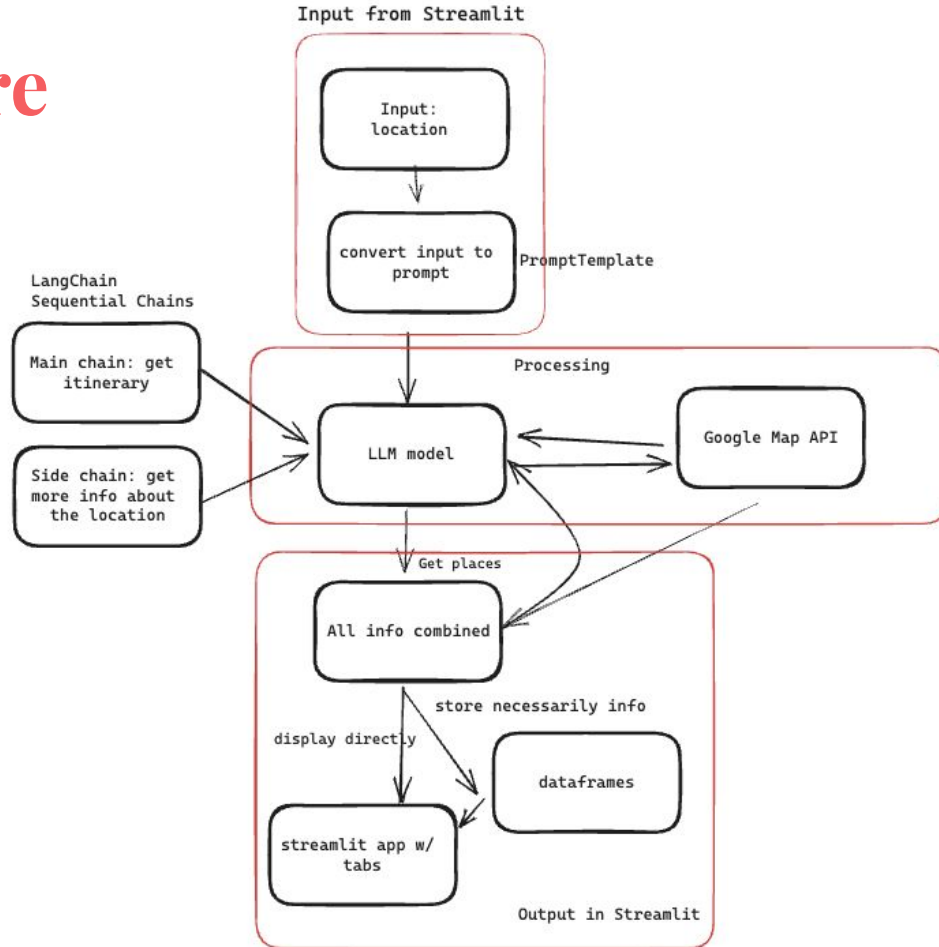


Directions



Hotel

# Architecture



**Demo**

# Future Work

## Bugs

- Validate that the user input is valid
  - For example that the city they put is real, and not made up
- Validate the output format is as expected

## Functionality

- Show all the places on a map to visualize them
- Customize travel style
- Budget estimation
- Booking



# AITRIPZ



# Resources

Langchain tutorial / docs:

<https://tsmatz.wordpress.com/2023/03/07/react-with-openai-gpt-and-langchain/>

[https://js.langchain.com/docs/modules/chains/foundational/sequential\\_chains/](https://js.langchain.com/docs/modules/chains/foundational/sequential_chains/)

<https://medium.com/databutton/getting-started-with-langchain-a-powerful-tool-for-working-with-large-language-models-286419ba0842>

<https://towardsdatascience.com/a-gentle-intro-to-chaining-llms-agents-and-utils-via-langchain-16cd385fca81>

<https://www.pinecone.io/learn/series/langchain/langchain-prompt-templates/#Prompt-Templates>

<https://lablab.ai/t/agents-retrieval-chatbot>

<https://betterprogramming.pub/how-to-use-langchains-output-parser-to-tame-the-language-model-output-6db81daa5cea>

Trip prompt engineering:

<https://hellodoorcounty.com/chatgpt-prompts-vacation-plan/>

<https://hellodoorcounty.com/chatgpt-prompts-vacation-plan/>

<https://www.cnbc.com/2023/07/18/can-chatgpt-help-plan-trips-yes-if-you-use-these-prompts.html>

OpenAI:

<https://platform.openai.com/docs/models/overview>

Streamlit:

<https://docs.streamlit.io/streamlit-community-cloud/get-started/deploy-an-app>

Market research:

<https://www.makeuseof.com/free-travel-planning-ai-chatgpt-apps/>