

## Description :

The bot can respond to follow up questions based on previous context. For example if the user is recommended a deli then they can ask further questions around the deli like location and prices. The questions are answered on the basis of RAG knowledge base.

## Conversation :

```
PS D:\Prompt_Engineering_Project> python query_data.py
```

 Welcome to NYC Explorer! Let's explore New York City today.

Tell me what you'd like to do or where you'd like to go!

You can:

- Tell me your preferences (e.g., 'I like Mexican food')
- Ask for recommendations
- Ask about specific places
- Ask follow-up questions
- Say 'add to plan' to save a place you like

Type 'show plan' to see your saved places

Type 'exit' to quit

### **You: Tell me where can I get authentic deli experience in NYC**

NYC Guide: I highly recommend checking out Katz's Delicatessen for an authentic deli experience in NYC. Located at 205 E Houston St, New York, NY 10002, this iconic spot is known for its fantastic atmosphere, diverse menu offerings, and top-notch service.

Customers rave about the generous portions and exceptional quality of the pastrami, corned beef, brisket, pickles, mustard, and rye bread sandwiches. The lively atmosphere adds to the overall experience, making it a must-visit destination for anyone looking to immerse themselves in New York's culinary heritage.

While Katz's Delicatessen can get busy, the fast-moving lines and friendly staff ensure that your wait is well worth it. Prices are reasonable considering the portion sizes and quality of the food. With its stellar reviews and reputation as a New York institution, you can't go wrong with a visit to Katz's Delicatessen for a true deli experience.

Pro tip: To avoid the crowds, consider visiting during off-peak hours or making a reservation if possible. And don't forget to try their famous sandwiches for a taste of authentic New York deli goodness!

### **You: Where is it located ?**

NYC Guide: Katz's Delicatessen is located at 205 E Houston St, New York, NY 10002. It's known for its authentic deli experience and diverse menu offerings, making it a great spot for anyone seeking halal street food in New York City. Be sure to check it out for a taste of New York's culinary heritage!

**You: I want to go to China Town and get ice cream there**

NYC Guide: I recommend visiting The Original Chinatown Ice Cream Factory located at 65 Bayard St, New York, NY 10013. This beloved ice cream shop in Chinatown offers a wide range of unique and delicious ice cream flavors inspired by traditional Asian ingredients.

Customers rave about the shop's "absolutely crazy flavors" like Vietnamese Coffee, Lychee Sorbet, Zen Butter, and Almond Cookie. The cozy atmosphere and aesthetic branding make for an authentic experience that many customers love. With a 4.5 out of 5-star rating and a budget of \$1-10 per person, this spot is a must-visit for ice cream enthusiasts in Chinatown.

For the best experience, I recommend trying the Vietnamese Coffee flavor with candied pecans on a cookie cone, as one reviewer suggested. Make sure to take your time exploring the unique flavors and enjoying the friendly staff's service. And don't forget to capture some memorable moments in this charming ice cream shop. Enjoy your visit to The Original Chinatown Ice Cream Factory!

**You: How much would it cost me ?**

NYC Guide: Based on the budget range provided for The Original Chinatown Ice Cream Factory, you can expect to spend between \$1-10 per person for their unique and delicious ice cream flavors. This budget should comfortably cover the cost of your ice cream treat at this beloved Chinatown institution. Enjoy your visit and savor the unforgettable flavors at a reasonable price point!

**You: Are there any museums that I can visit ?**

NYC Guide: I recommend visiting the National Museum of Mathematics located in New York City. This museum offers a unique blend of education and entertainment, perfect for families and math enthusiasts. The interactive exhibits, puzzles, and hands-on activities provide an enriching cultural experience. Visitors have praised the museum for its friendly staff, manageable size, and focused collection.

One highlight is the gift shop where you can even make your own poster. Additionally, the museum offers special programs like "First Fridays" with free entry and student workshops. While some visitors mention that there could be more to explore, the overall experience is highly rated.

Before visiting, make sure to check the hours as they may vary for special events. The museum's new entrance and updated exhibits add to the overall appeal. With its central

location and unique features, the National Museum of Mathematics is definitely worth a visit for a concise yet enriching cultural experience in NYC. Enjoy your visit!

**You: Where is it located ?**

NYC Guide: The National Museum of Mathematics is located at 11 East 26th Street in New York City. It is centrally located, making it easily accessible for both locals and tourists. Make sure to check the hours before visiting, as they may vary for special events. The museum's new entrance and updated exhibits enhance the overall experience. Enjoy your visit to this unique blend of education and entertainment!

**You: quit**

Thanks for exploring NYC! I'll remember your preferences and plan for next time! 🙌  
PS D:\Prompt\_Engineering\_Project>