


## Description :

The primary purpose of the chatbot is to help the user plan a day exploring NYC. While conversing with the chatbot they get to know about different experiences the city has to offer and they have the option to add those experiences to their plan. When the conversation ends they get a complete detailed plan of the day with timings, descriptions, suggestions and tips.

## 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

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Type 'exit' to quit

## You: I want to have tacos for lunch

NYC Guide: Based on your desire to have tacos for lunch, I highly recommend checking out Tacombi. Located at multiple locations in NYC, Tacombi is known for serving up authentic and delicious Mexican fare, including a variety of freshly made tacos with high-quality fillings like pork carnitas, chicken tinga, and shrimp. Customers rave about the flavorful dishes and the overall dining experience.

If you're looking for a place that offers a messy but delicious dining experience, Tacombi is the perfect spot for you. The menu features a selection of classic Mexican dishes prepared

with top-notch ingredients, ensuring a satisfying meal. Additionally, the enthusiastic reviews and emphatic recommendations from reviewers make it a must-visit for taco lovers like yourself.

In terms of practical considerations, Tacombi is a great lunch option with reasonable prices for the quality of food you'll receive. The venue's focus on authenticity and flavorful fillings aligns with your preference for a true Mexican taco experience. To make the most of your visit, consider going during off-peak hours to avoid long lines and ensure a more relaxed dining experience.

Overall, Tacombi is a top choice for enjoying delicious tacos for lunch in NYC. Don't hesitate to head there immediately and indulge in their mouthwatering offerings. Enjoy your taco adventure!

**You: add to plan**

NYC Guide: Added LOS TACOS No.1 to your NYC plan!

**You: I am in the mood to visit a bookstore**

NYC Guide: I would recommend visiting Rizzoli Bookstore located at 1133 Broadway, New York, NY 10010. This bookstore stands out for its extensive selection of Italian books, unique offerings, and welcoming atmosphere.

Rizzoli Bookstore has a beautifully organized and clean interior with thousands of books on display. Visitors praise the store for its specialized collections, including a wide range of Italian books in their original language, which can be hard to find elsewhere in the city. In addition to books, they also offer stationary goods, puzzles, games, and NYC souvenirs. Customers love the unique finds like specialty postcards that make great gifts.

The venue has received consistent praise for its lovely interior, friendly staff, and reasonable prices. Visitors describe the bookstore as having a calming and welcoming atmosphere, making it a great place to spend some time browsing through books. The well-curated book selection and attention to detail, even in the restrooms, contribute to the overall positive experience.

As a recreational activity, visiting Rizzoli Bookstore allows you to immerse yourself in a world of literature and discover unique finds. Whether you're a bibliophile or a casual reader, this bookstore offers a great escape from the digital world.

For the best experience, I recommend visiting during a quieter time to fully enjoy the ambiance. Budget-wise, the reasonable prices make it a worthwhile visit. Don't forget to explore the Italian book section and check out their unique offerings like specialty postcards. Enjoy your visit to Rizzoli Bookstore!

**You: add to plan**

NYC Guide: Added Rizzoli Bookstore to your NYC plan!

**You: I have heard NYC has a museum of mathematics**

NYC Guide: Based on your query, it sounds like you're interested in visiting the National Museum of Mathematics (MoMath) in New York City. This unique museum is located at 225 5th Ave, in the Flatiron District of Manhattan. As a mathematics museum, MoMath offers interactive exhibits and hands-on experiences that make math accessible and engaging for visitors of all ages.

The museum has received a rating of 4.2 out of 5 stars based on 2,988 reviews, indicating a positive overall experience for many visitors. The admission prices are \$20.00 for adults, \$16 for children aged 2-12, and \$10 for students and seniors. While some visitors mention that there could be more to explore, the combination of puzzles, interactive exhibits, and hands-on activities make it a great destination for families and math enthusiasts.

Before planning your visit, make sure to check the museum's hours as they may vary for special events. The new entrance and updated exhibits have enhanced the overall experience, providing a fresh perspective on the world of mathematics. Whether you're a math enthusiast or simply looking for an educational outing, MoMath offers a fun and engaging way to appreciate the patterns and structures of math.

Enjoy your visit to the National Museum of Mathematics and explore the fascinating world of math in an interactive and entertaining way!

**You: add to plan**

NYC Guide: Added National Museum of Mathematics (MoMath) to your NYC plan!

**You: I want to have ice cream in China town**

NYC Guide: I highly recommend checking out 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 flavors inspired by traditional Asian ingredients. The shop has a cozy atmosphere and aesthetic branding that adds to the authentic experience.

Customers rave about the "absolutely crazy flavors" like Vietnamese Coffee, Lychee Sorbet, Zen Butter, and Almond Cookie. With prices ranging from \$1-10 per person, you can enjoy a tasty treat without breaking the bank. The shop has a solid 4.5 out of 5-star rating, indicating high customer satisfaction.

For the best experience, I suggest trying one of their unique flavors like Vietnamese Coffee or Lychee Sorbet in a cookie cone with candied pecans. The shop's friendly staff and charming ambiance make it a must-visit destination in Chinatown. Enjoy your ice cream adventure at The Original Chinatown Ice Cream Factory!

**You: add to plan**

NYC Guide: Added The Original Chinatown Ice Cream Factory to your NYC plan!

**You: Where can I get Halal food at night ?**

NYC Guide: I recommend checking out The Halal Guys located at 6th Avenue & W 53rd St, New York, NY 10019. They are known for serving authentic halal street food and are open at night, making it a great spot to satisfy your cravings for halal food after hours.

The Halal Guys offer a variety of delicious dishes at reasonable prices, with an average rating of 4.3 out of 5 stars from over 13,000 reviews. The budget typically ranges from \$10-20 per person, making it a great option for a satisfying meal without breaking the bank.

This recommendation aligns perfectly with your request for halal food at night, as The Halal Guys is a popular spot for locals and tourists alike seeking authentic halal street food. Whether you choose to dine in or take your food to go, you can enjoy generous portions, flavorful meats, and their legendary white sauce that has made them a standout choice in Manhattan.

For the best experience, I suggest checking their operating hours to ensure they are open late at night, and be prepared for a casual street-food style atmosphere. Enjoy your delicious halal meal at The Halal Guys!

**You: add to plan**

NYC Guide: Added The Halal Guys to your NYC plan!

**You: quit**

Here's your final NYC plan:

- LOS TACOS No.1
  - Type: Mexican
  - Location: Not specified
  - Budget: Not specified
- Rizzoli Bookstore
  - Type: Bookstore
  - Location: Not specified

- Budget: Reasonable prices
- National Museum of Mathematics (MoMath)
  - Type: Mathematics museum, Interactive museum
  - Location: 225 5th Ave, New York, NY 10010
  - Budget: \$20.00 admission (Adults), \$16 for children 2-12, \$10 for students and seniors
- The Original Chinatown Ice Cream Factory
  - Type: Ice cream shop
  - Location: 65 Bayard St, New York, NY 10013
  - Budget: \$1-10 per person
- The Halal Guys
  - Type: Halal restaurant, Food cart/truck
  - Location: 6th Avenue & W 53rd St, New York, NY 10019
  - Budget: \$10-20 per person

Let me organize these places into a day plan for you...



Here's a suggested day plan with your saved places:

#### Day Itinerary:

9:00 AM: Start your day at Rizzoli Bookstore. Spend about an hour browsing through the wide selection of books and enjoying the peaceful ambiance. This bookstore is known for its unique collection and reasonable prices.

10:00 AM: Head over to the National Museum of Mathematics (MoMath) located at 225 5th Ave. Spend around 2-3 hours exploring the interactive exhibits and learning about the fascinating world of mathematics. The admission fee is \$20 for adults, so make sure to budget accordingly.

1:00 PM: Grab a quick lunch at LOS TACOS No.1. This Mexican eatery is known for its delicious tacos and vibrant atmosphere. Budget-friendly options are available, so enjoy a satisfying meal before continuing your day.

2:00 PM: Walk over to The Original Chinatown Ice Cream Factory for a sweet treat. Indulge in a scoop of their unique flavors like lychee or black sesame. The budget ranges from \$1-10 per person, making it a perfect snack stop.

3:00 PM: Take a leisurely stroll to The Halal Guys food cart at 6th Avenue & W 53rd St. Enjoy a hearty meal of their famous platters or sandwiches. The budget is around \$10-20 per person, so satisfy your hunger before moving on to your next destination.

4:00 PM: Wrap up your day with a walk around the vibrant streets of Chinatown or visit a nearby park to relax and unwind. Take in the sights and sounds of the bustling neighborhood before heading home.

Travel suggestions:

- For traveling between Rizzoli Bookstore and MoMath, consider taking the subway for a quick and convenient journey.
- Walking is a great option for exploring Chinatown and moving between The Original Chinatown Ice Cream Factory and The Halal Guys.

Tips:

- Make the most of your time at MoMath by participating in the various interactive exhibits and engaging with the hands-on activities.
- Try different flavors at The Original Chinatown Ice Cream Factory for a unique and delicious experience.
- Order a mix of dishes at The Halal Guys to sample a variety of flavors and specialties.

Duration:

- Rizzoli Bookstore: 1 hour
- MoMath: 2-3 hours
- LOS TACOS No.1: 1 hour
- The Original Chinatown Ice Cream Factory: 30 minutes
- The Halal Guys: 1 hour

Enjoy your day exploring these diverse and exciting venues in New York City!

Thanks for exploring NYC! I'll remember your preferences and plan for next time! 🙌

PS D:\Prompt\_Engineering\_Project>