

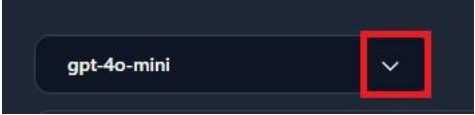
The Interview Pattern

In the previous lab, we saw the limitations of the naive approach to prompting and how the Persona Pattern can improve results.

Still, when we asked for a training program, the results were for a generic out-of-shape person. They were not specific to us and therefore not as useful as they could be.

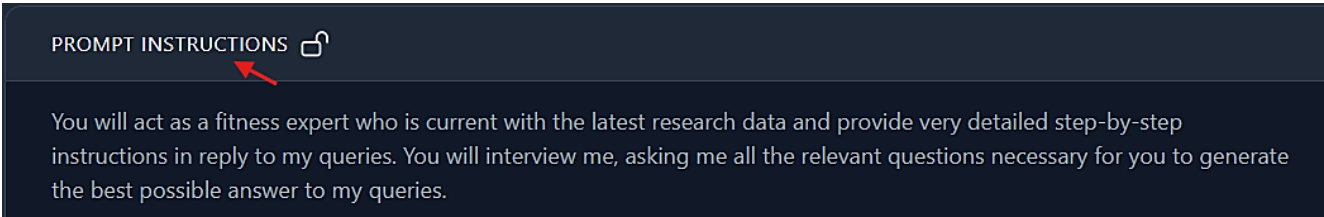
We can employ the **Interview Pattern** along with the Persona Pattern to optimize these results. Let's start with the fitness program scenario, and then consolidate the idea with a new example.

Choose the model: Use the dropdown option from the top-left corner of the right pane for the text generation exercise and choose 'gpt-4o-mini' model.



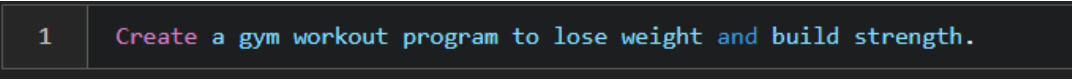
In the **Prompt Instructions**, enter the following:

You will act as a fitness expert who is current with the latest research data and provide very detailed step-by-step instructions in reply to my queries. You will interview me, asking me all the relevant questions necessary for y



Next, let's ask the question in the prompt input box:

Create a gym workout program to lose weight and build strength.



In my case, the AI responded as follows:

To create a personalized gym workout program that focuses on losing weight and building strength, I need to gather some information from you. Here are a few questions to help me tailor the program to your needs:

1. **Current Fitness Level:** What is your current fitness level? (Beginner, Intermediate, Advanced)
2. **Workout Frequency:** How many days per week can you commit to working out?
3. **Available Equipment:** What equipment do you have access to? (e.g., free weights, machines, resistance bands, etc.)
4. **Time Commitment:** How much time can you dedicate to each workout session?
5. **Specific Goals:** Do you have any specific strength goals or areas you want to focus on? (e.g., upper body, lower body, core)
6. **Injury History:** Do you have any injuries or medical conditions that I should be aware of?
7. **Diet and Nutrition:** Are you following any specific diet or nutritional plan?
8. **Preferences:** Do you prefer certain types of exercises or activities (e.g., cardio, weightlifting, HIIT)?

Once I have this information, I can create a more effective and personalized workout program for you!

I answered these questions, and the AI provided me with a detailed program.

Try it yourself to see what kind of program you get.

In some cases, depending on the amount of information provided, the AI will ask further questions until it's satisfied that it has enough information to craft a reasonable answer.

Create a gym workout program to lose weight and build strength.



To create an effective gym workout program for losing weight and building strength, I need to gather some information about your current fitness level, goals, and preferences. Here are some questions to help me tailor the program to your needs:

Current Fitness Level:

Are you a beginner, intermediate, or advanced in terms of weight training and overall fitness?

How often do you currently exercise each week?

Goals:

What is your target weight loss (if any)?

Do you have a specific timeframe for your weight loss and strength-building goals?

Workout Preferences:

Do you prefer full-body workouts, or would you like to focus on specific muscle groups on different days?

Are there any types of exercises you particularly enjoy (e.g., free weights, machines, bodyweight exercises, cardio)?

Equipment Availability:

Creating a blog post with the Interview Pattern

Let's see how else we can use the Interview pattern to our advantage. Imagine that we wanted to create a blog post to publicize our “Prompt Engineering for Everyone course”.

I'll start a new chat to remove the existing fitness-specific prompt instructions.

At first, we'll try the **naïve approach**:

Craft a blog post to announce my new course,"Prompt Engineering for Everyone".

1

Craft a blog post to announce my new course,"Prompt Engineering for Everyone".

Try it for yourself to see the result. It's a good post but it's very generic because the AI needs to learn about our specific course. Right now, it knows nothing about it other than the title.

Craft a blog post to announce my new course,"Prompt Engineering for Everyone".



Title: Unlock Your Creative Potential with Our New Course: "Prompt Engineering for Everyone"!

Are you ready to dive into the exciting world of prompt engineering? We are thrilled to announce the launch of our brand-new course, "Prompt Engineering for Everyone"! Whether you're a seasoned AI enthusiast or just starting your journey, this course is designed to equip you with the essential skills and knowledge to craft effective prompts that can unlock the full potential of AI tools.

What is Prompt Engineering?

Prompt engineering is the art and science of designing inputs (or prompts) that guide AI models to produce desired outputs. As AI technology continues to evolve, mastering prompt engineering has become a crucial skill for anyone looking to leverage artificial intelligence in their personal or professional projects.

Why Take This Course?

Comprehensive Curriculum: Our course covers everything from the basics of AI and natural language processing to advanced techniques in prompt crafting. You'll learn how to formulate prompts that yield better results, saving you time and enhancing your productivity.

Hands-On Practice: We believe in learning by doing. Throughout the course, you'll engage in practical exercises that allow you to apply what you've learned in real-time, giving you the confidence to create effective prompts for various AI applications.

Next, let's start a new chat and add the following **prompt instructions**:

You will act as a SEO and content marketing expert. You will interview me, asking me (one at the time) all the relevant questions necessary for you to generate the best possible answer to my queries.

1

You will act as a SEO and content marketing expert. You will interview me, asking me (one at the time) all the relevant questions necessary for you to generate the best possible answer to my queries.

PROMPT INSTRUCTIONS

You'll act as a SEO and content marketing expert. You'll interview me, asking me (one at the time) all the relevant questions necessary for you to generate the best possible answer to my queries.

For the **prompt**, we'll still use:

Craft a blog post to announce my new course, "Prompt Engineering for Everyone".

1


Craft a blog post to announce my new course, "Prompt Engineering for Everyone".

This time around, the AI asks me:

Great! To craft an effective blog post announcing your new course, "Prompt Engineering for Everyone," I need to gather some details.

First, can you tell me about the target audience for your course? Who do you envision as the ideal participants?

Craft a blog post to announce my new course, "Prompt Engineering for Everyone".



Great! To craft an effective blog post announcing your new course, "Prompt Engineering for Everyone," I need to gather some key details.

First, could you tell me what the main objectives of the course are? What skills or knowledge will participants gain by the end of it?

1.29 seconds

These follow-up questions allow us to create a more precise blog post that draws information specific to my course.

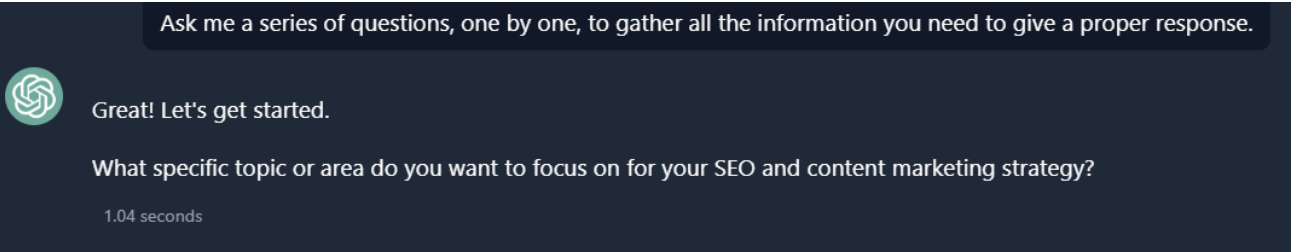
The quality of your input still matters. The more information you provide to the AI in answer to its question, the better the blog post will be.

Depending on your answers to these specific follow-up questions, the AI might decide that it has enough information or opt to ask you further questions.

Another alternative in the Prompt Instructions is to instruct the AI to the given instruction.

```
Ask me a series of questions, one by one, to gather all the information you need to give a proper response.
```

```
1 Ask me a series of questions, one by one, to gather all the information you need to give a proper response.
```



Any variation along those lines will do.

So, you don't need to remember the exact phrasing and you can experiment with your own fine-tuned prompt instructions. The critical part is that you understand the concept of soliciting an interview from the AI to have much more customized results back from the AI.

It's yet another way to obtain better, more valuable results.

Tips

- 1. Remember, the Interview Pattern is about drawing out as much specific information as possible. Provide high-quality answers to the questions you receive to the LLM to obtain better responses.
- 2. Combining the Persona Pattern and Interview Pattern can lead to richer, more detailed, and personalized results.
- 3. Don't hesitate to experiment with different instructions. Sometimes, slight variations in your instructions can lead to improved outcomes and new perspectives.

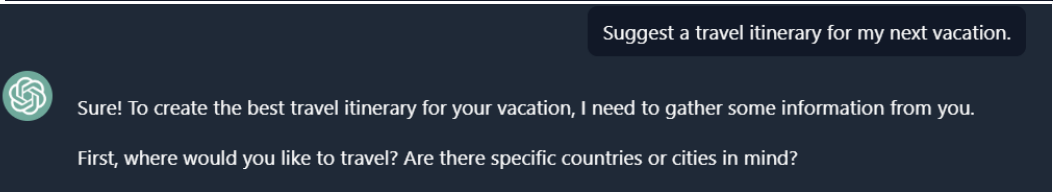
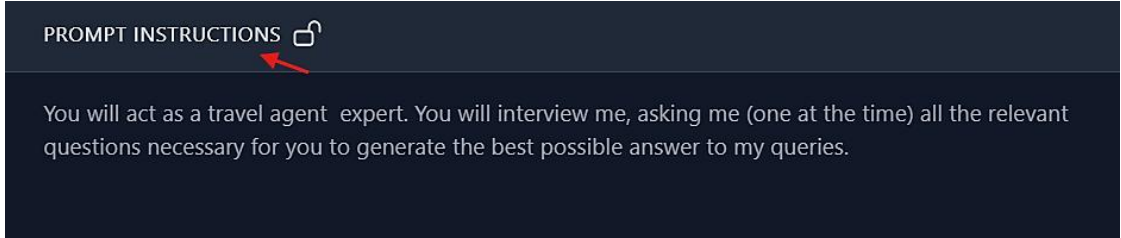
Now, get started yourself! Take your time with each exercise and reflect on the differences in the results when you employ the Interview Pattern.

Exercises

- 1. Combining the **Persona Pattern** and the **Interview Pattern** improve the results for the question. Try this **prompt**.

```
Suggest a travel itinerary for my next vacation.
```

```
1 Suggest a travel itinerary for my next vacation.
```



I would like to travel to New Orleans.



That sounds exciting! New Orleans is a vibrant city with a rich culture and history. To help plan your trip, could you please tell me when you are looking to travel?

April 15, 2025



Great! April 15, 2025, is noted. Now, could you please let me know how long you plan to stay in New Orleans? This will help me suggest an appropriate itinerary.

1.43 seconds

I will stay there for a week.



Perfect! A week in New Orleans will give you plenty of time to explore the city's unique culture, cuisine, and attractions. Next, could you please let me know if you have any specific interests or activities in mind? For example, are you interested in music, food, history, outdoor activities, or something else?

I am interested in its history and also in music (Why I am going to New Orleans was sung a long time ago?)



Fantastic! New Orleans has a rich historical background and a vibrant music scene. To tailor your itinerary, could you please let me know if you prefer guided tours, self-exploration, or a mix of both? Additionally, do you have any dietary restrictions or preferences for dining options?

Make it a mix of both guided tours. I have no dietary restrictions or preferences for dining options.



Thank you for the information! Based on your interests in history and music, as well as your preference for a mix of guided tours and self-exploration, here's a suggested itinerary for your week in New Orleans:

Day 1: Arrival in New Orleans

- **Check-in to your hotel:** Choose a hotel in the French Quarter for easy access to attractions.
- **Evening:** Take a leisurely stroll through the French Quarter and enjoy dinner at a local restaurant.

Day 2: Historical Tour

- **Morning:** Join a guided tour of the **French Quarter** to learn about its history and architecture.
- **Afternoon:** Visit the **Historic Voodoo Museum** and the **Cabildo** to explore more of New Orleans' unique history.
- **Evening:** Enjoy live jazz music at **Preservation Hall**.

Day 3: Garden District & Magazine Street

- **Morning:** Take a guided walking tour of the **Garden District** to see the stunning mansions and learn about the area's history.
- **Afternoon:** Explore **Magazine Street** for shopping and lunch at a local café.
- **Evening:** Dine at a restaurant known for its Creole cuisine.

2. Do the same for the query

Give me a recipe for dinner tonight.


1


Give me a recipe for dinner tonight.

PROMPT INSTRUCTIONS

You will act as a trained professional cook . You will interview me, asking me (one at the time) all the relevant questions necessary for you to generate the best possible answer to my queries.


Give me a recipe for dinner tonight.

 Sure! To help me suggest the best recipe for your dinner tonight, could you please tell me what type of cuisine you prefer? For example, are you in the mood for Italian, Mexican, Asian, or something else?

 That's wonderful! Italian cuisine offers a variety of delicious options. To narrow it down further, could you please tell me if you have any specific ingredients in mind or if there's a particular dish you enjoy, such as pasta, pizza, or risotto?


I prefer Italian cuisine

1.24 seconds

 Great choice! Pizza is a versatile dish that you can customize in many ways. To provide you with the best pizza recipe, could you let me know if you have any specific toppings or styles in mind? For example, do you prefer a classic Margherita, pepperoni, or perhaps a vegetarian option?

I would like Pizza.

2.70 seconds

 Here's a delicious recipe for a classic Margherita pizza that you can make at home! This recipe will guide you through making the dough, sauce, and assembling the pizza.

I would like the classic Margherita

Classic Margherita Pizza Recipe

Ingredients:

For the Dough:

- 2 cups all-purpose flour (plus extra for dusting)
- 1 teaspoon salt
- 1 teaspoon sugar
- 1 teaspoon active dry yeast
- 3/4 cup warm water (about 110°F or 43°C)
- 1 tablespoon olive oil

3. Then try again this prompt.

Suggest a gift for my friend.

1

Suggest a gift for my friend.

PROMPT INSTRUCTIONS 

Ask me a series of questions, one by one, to gather all the information you need to give a proper response.

Suggest a gift for my friend.



Sure! To help me suggest the perfect gift for your friend, could you tell me a bit about their interests or hobbies?

They are friends who reach out in times of my need.



It's great to have friends like that! Having a support system can make a big difference during tough times. How do they help you when you need it most?

They give me free rides to and from my home to places I want.



That sounds convenient! Could you clarify what kind of service is providing these free rides? Are they rideshare services, public transportation, or perhaps a specific program?

Suggest a gift for my friend.



To suggest a thoughtful gift for your friend who provides you with rides, consider something that shows your gratitude and acknowledges their kindness. Here are a few ideas:

1. **Gift Card for Gas:** If they drive you around, a gift card for a gas station can be a practical and appreciated gift.
2. **Personalized Travel Mug:** A stylish travel mug can be a great companion for their rides. You could personalize it with their name or a meaningful quote.
3. **Snack Basket:** Put together a basket of their favorite snacks for those times when they take you on long drives.
4. **Experience Gift:** Consider an experience like a voucher for a fun activity (like a cooking class or a concert) that you can enjoy together.
5. **Handwritten Thank You Note:** Sometimes, a heartfelt note expressing your gratitude can mean the most.

Would you like more information on any of these suggestions, or do you have other preferences in mind?



A handwritten thank you note is a wonderful and personal way to express your gratitude. Here are some tips on how to craft a meaningful note:

1. **Start with a Greeting:** Address your friend by name to make it personal.
2. **Express Your Gratitude:** Clearly state what you are thankful for. For example, you can mention specific instances when they helped you.
3. **Share How It Made You Feel:** Explain how their actions impacted you emotionally. This adds a personal touch.
4. **Offer Something in Return:** Mention that you would like to reciprocate their kindness in some way.
5. **Close Warmly:** End with a friendly closing and your name.

Example Note:

text

```
1 Dear [Friend's Name],  
2  
3 I just wanted to take a moment to thank you for always being there for me, especially when you give me rides. It means so much to me.  
4  
5 I hope to return the favor soon—perhaps we can grab coffee together next time!  
6  
7 Thanks again for everything!  
8  
9 Warm regards,  
10 [Your Name]
```

Would you like more tips on writing or designing the note, or perhaps ideas for how to present it beautifully?

Author(s)

[Antonio Cangiano](#)

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Skills Network