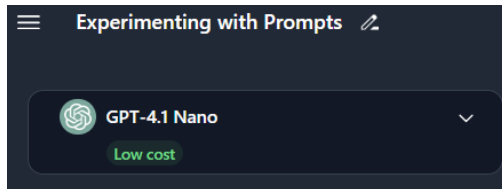


Experimenting with Prompts

Step 1

As the first step, you must set up your AI classroom for better learning experience.

- Name the chat
- Choose the foundation model



Exercise 1: Prompt structure

In this exercise, you will experiment to create a prompt structure for drafting prompts for converting the given text from English to Spanish.

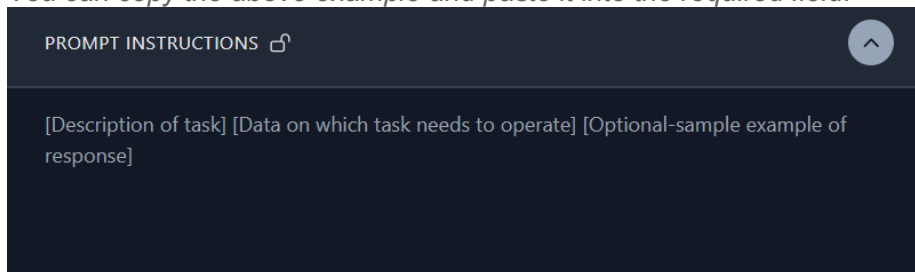
Designing a prompt structure to convert text from English to Spanish

1. Let us propose a prompt structure that will help you write concise text prompts. You can provide this in the **PROMPT INSTRUCTIONS** field.

```
1. 1
1. [Description of task] [Data on which task needs to operate] [Optional-sample example of response]
```

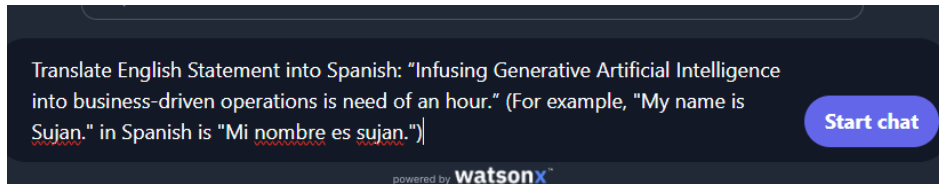
Copied!Wrap Toggled!

You can copy the above example and paste it into the required field.



2. Let's design a prompt based on the given structure.
 - **Description of task:** Translate English statement into Spanish.
 - **Data on which task needs to operate:** Infusing Generative Artificial Intelligence into business-driven operations is need of an hour.

- **Example:** "My name is Sujan." in Spanish is "Mi nombre es sujan."
3. Write the prompt in the **Type your message** field.



Exercise 2: Unambiguous prompts

Let's learn how adding context-specific input to the prompt influences the output. You need to design a prompt to **get information about the relevance of generative AI applications in the content marketing sector**.

Creating an unambiguous prompt

1. You can create a new chat and name it as per the context, or you can reset an existing chat.
2. Enter the prompt in the **Type your message** field.

1. 1

ii. **Tell** me about the relevance of generative AI **in** the content marketing sector

Copied!Wrap Toggled!

3. Click **Start Chat** and observe the generated response, similar to the screenshot below.


Exercise 2: Unambiguous prompts

NewCompare Models

+

↺

📄

 GPT-4o Mini

Medium cost

🔒

Chat

Freeform

PROMPT INSTRUCTIONS

🔒

⬆

Instructions cannot be modified after sending your first message.

Total Cost ⓘ


0.03 cents

Total Wait Time ⓘ

9.67 seconds

ⓘ Higher cost models provide more advanced responses but will consume your available usage more quickly.

Tell me about the relevance of generative AI in the content marketing sector



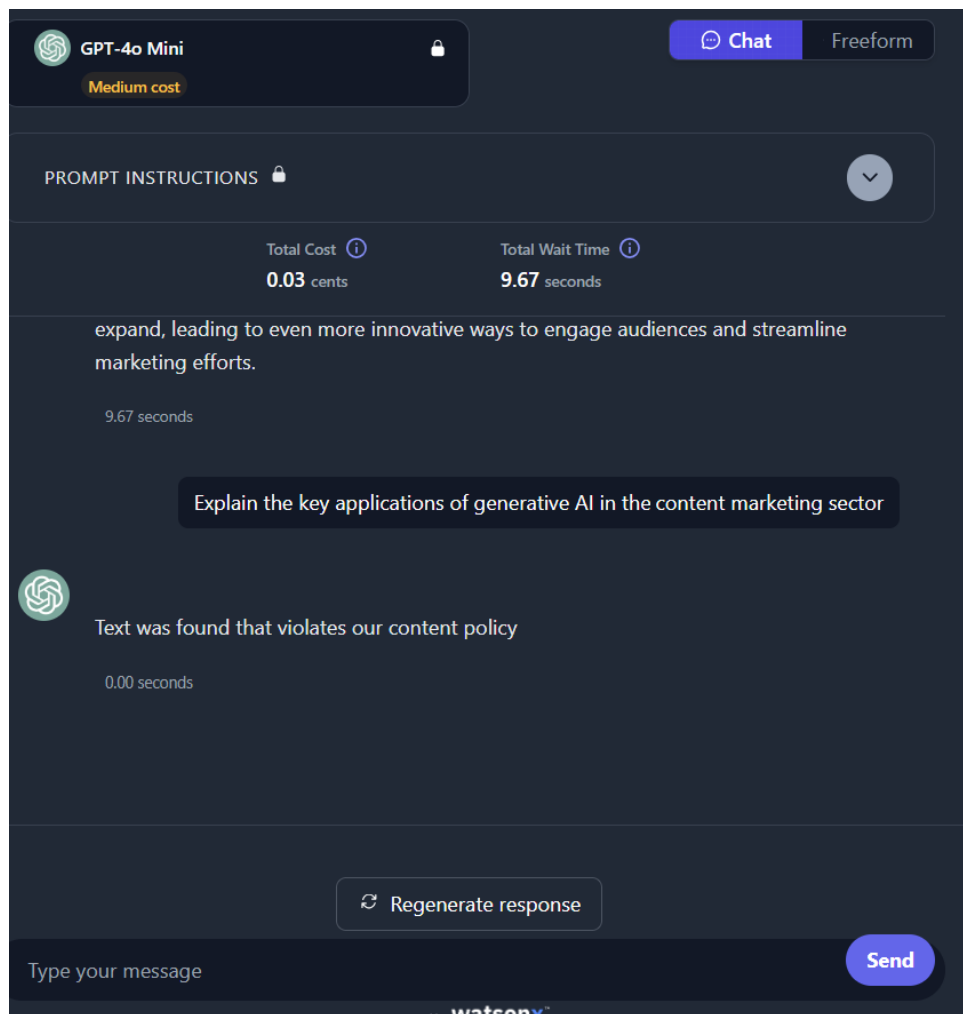
Generative AI has become increasingly relevant in the content marketing sector due to its ability to create high-quality, engaging content at scale. Here are some key points regarding its impact:

1. **Content Creation:** Generative AI can produce articles, blog posts, social media

↺ Regenerate response

Let's see how we can make the response more coherent by adding context to the prompt.

Enter the following prompt in the **Type your message** field.



Experimenting with prompts in different formats

1. You can create a new chat and name the chat as per the context, or you can reset an existing chat.
2. First, let's write a prompt in question format. Enter the prompt in the **Type your message** field.


Exercise 3: Prompts in different formats

New Compare Models

+

↺

📄

 GPT-4o Mini

Medium cost

🔒

Chat

Freeform

PROMPT INSTRUCTIONS

🔒

⌵

Total Cost ⓘ


0.01 cents

Total Wait Time ⓘ

4.98 seconds



ⓘ Higher cost models provide more advanced responses but will consume your available usage more quickly.

What are the benefits of water reservoirs in a detailed paragraph?




Water reservoirs offer a multitude of benefits that are crucial for both environmental sustainability and human development. Firstly, they serve as a reliable source of freshwater for drinking, irrigation, and industrial use, particularly in regions where water scarcity is prevalent. Additionally, reservoirs play a significant role in flood control by capturing excess rainfall and runoff, thereby reducing the risk of downstream flooding. They also support hydroelectric power generation, contributing to renewable energy sources and helping to mitigate climate change. Furthermore, reservoirs create

Next, write the prompt in statement format. Enter the prompt in the **Type your message** field.

 **GPT-4o Mini** 

ChatFreeform

Medium cost

PROMPT INSTRUCTIONS 


Total Cost ⓘ
0.01 cents

Total Wait Time ⓘ
4.98 seconds

local economies through tourism. Lastly, they provide essential habitats for various aquatic and terrestrial species, promoting biodiversity and ecosystem health.

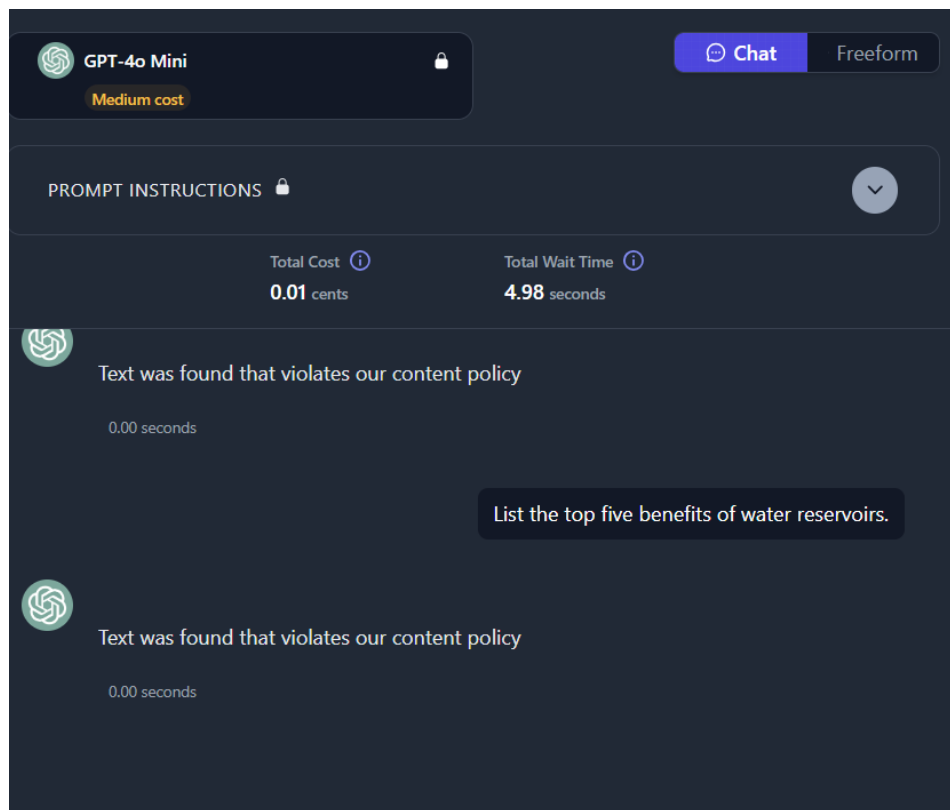
4.98 seconds

Discuss the benefits of utilizing water reservoirs.

Text was found that violates our content policy

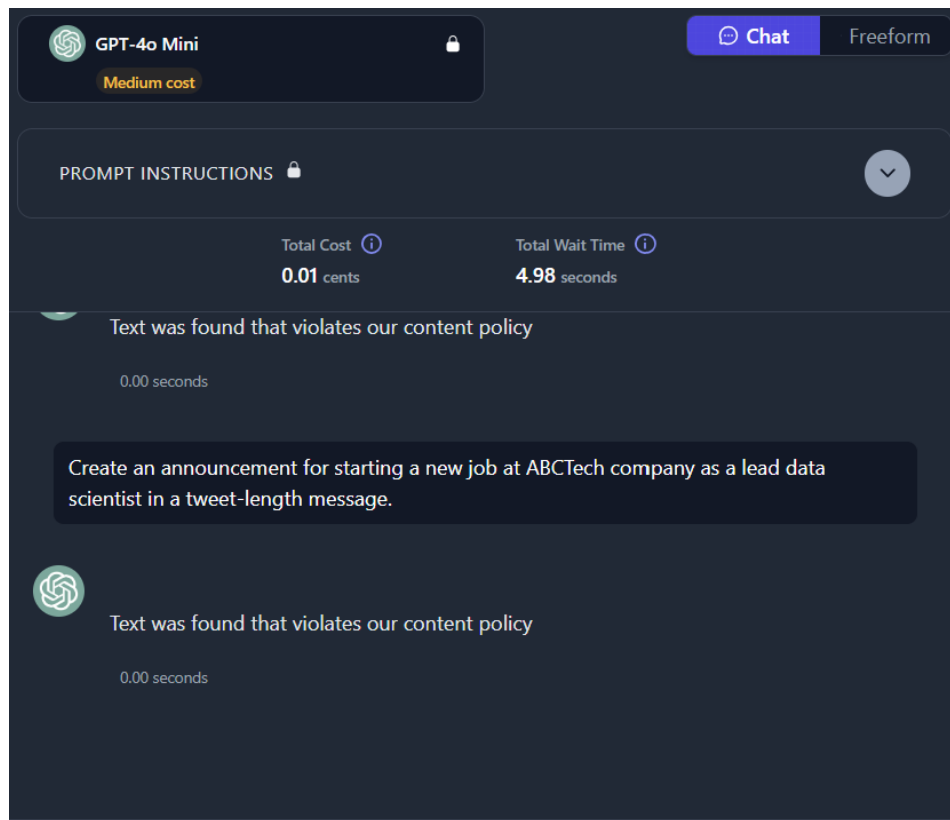
0.00 seconds

Further, write the prompt in an instruction format. Enter the prompt in the **Type your message** field.



Generating a response of a specific number of words or statements

1. You can create a new chat and name the chat as per the context, or you can reset an existing chat.
2. Enter the prompt in the **Type your message** field.

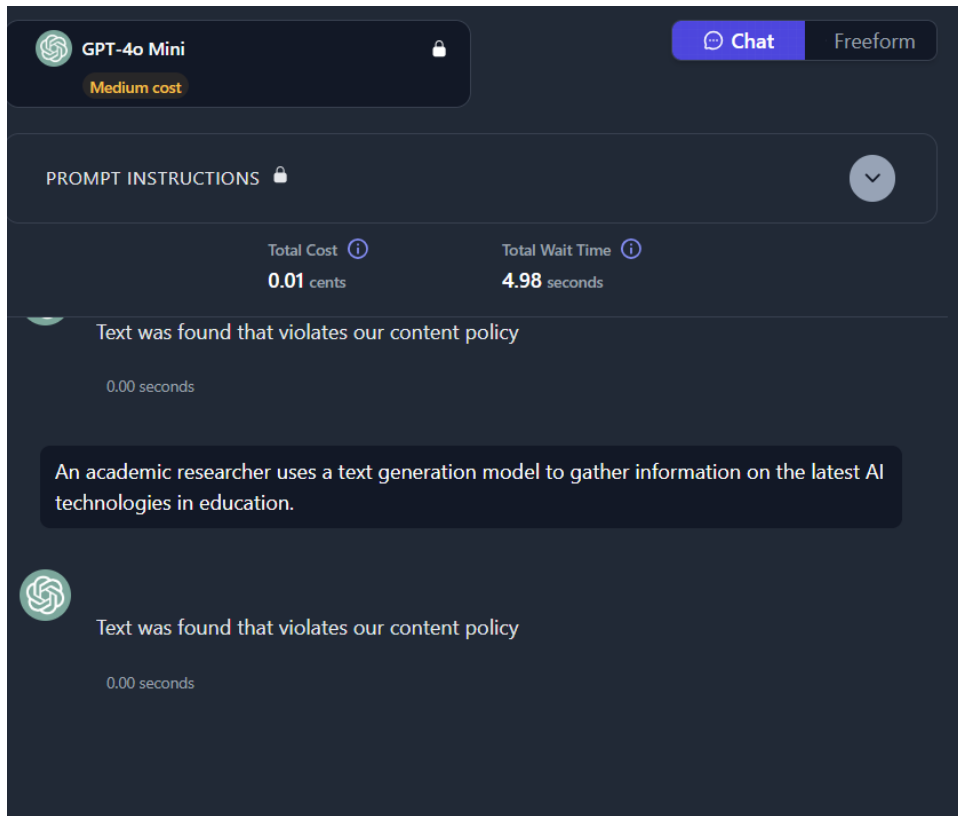


Try it yourself


Exercise

You can try experimenting with prompts regarding the following tasks:

1. An academic researcher uses a text generation model to gather information on the latest AI technologies in education.



2. A content writer wants to create a captivating post about a new smartphone, with a character limit of 280.

 **GPT-4o Mini**
Medium cost

ChatFreeform

PROMPT INSTRUCTIONS


Total Cost ⓘ
0.01 cents

Total Wait Time ⓘ
4.98 seconds

Text was found that violates our content policy

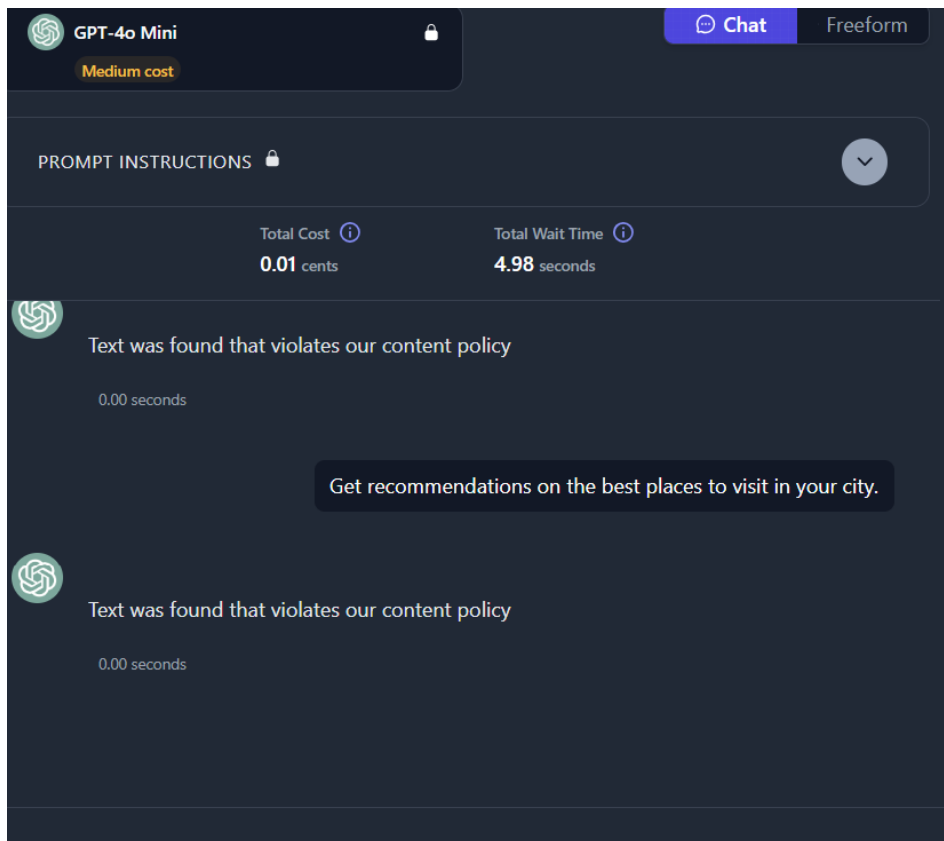
0.00 seconds

A content writer wants to create a captivating post about a new smartphone, with a character limit of 280.

 Text was found that violates our content policy

0.00 seconds

3. Get recommendations on the best places to visit in your city.



Lab Summary

In this lab, I explored how to structure and refine prompts to guide a language model in generating accurate, relevant responses. Through a series of exercises, I practiced designing prompts for translation tasks, unambiguous instructions, adjusting formats, and controlling output length and tone. Each screenshot documents my work and progression through the prompt structure experiments. During the lab, I encountered repeated issues where the lab chat flagged my input with a “text violates policy” message, even when my content clearly aligned with the assignment’s requirements. After troubleshooting through an external assistant (outside the lab platform), we determined that the policy flag was likely triggered by certain word combinations or syntax patterns that, while harmless in context, resembled phrases commonly associated with restricted content. This kind of automated moderation error is not uncommon in AI systems and underscored the importance of understanding how prompts are interpreted at both the content and system levels. The external conversation helped me stay on track and complete the exercises successfully despite the tool’s limitations.