

Getting to know our AI prompting tool

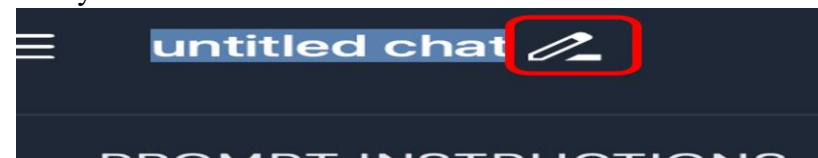


Estimated time needed: 15 minutes

As you opened this lab, you likely noticed something different. On the right, there is a tool called **Generative AI Classroom**. We'll use this prompting tool to learn more about Prompt Engineering.

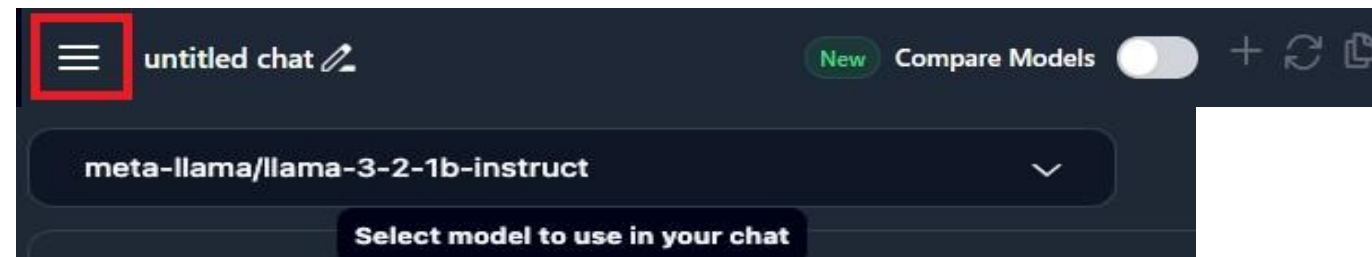
Let's get familiar with it.

In the top section, you'll find "Untitled chat" with an icon to edit this title. Clicking on it will allow you to specify a name for this chat. Why would you want to do that? If you only have one chat, it's not very useful. However, once you start having multiple chat sessions in your history, having the ability to identify them quickly comes in handy.

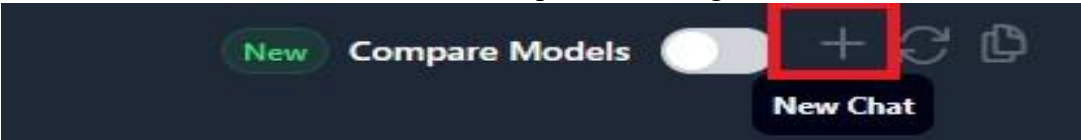


You'll find the list of chats in the hamburger menu on the left of "Untitled Chat".

Moving to top-left corner of the right pane, you'll see a drop-down list that defaults to "meta-llama/llama-3-2-1b-instruct". Here, you can select alternative large language models.

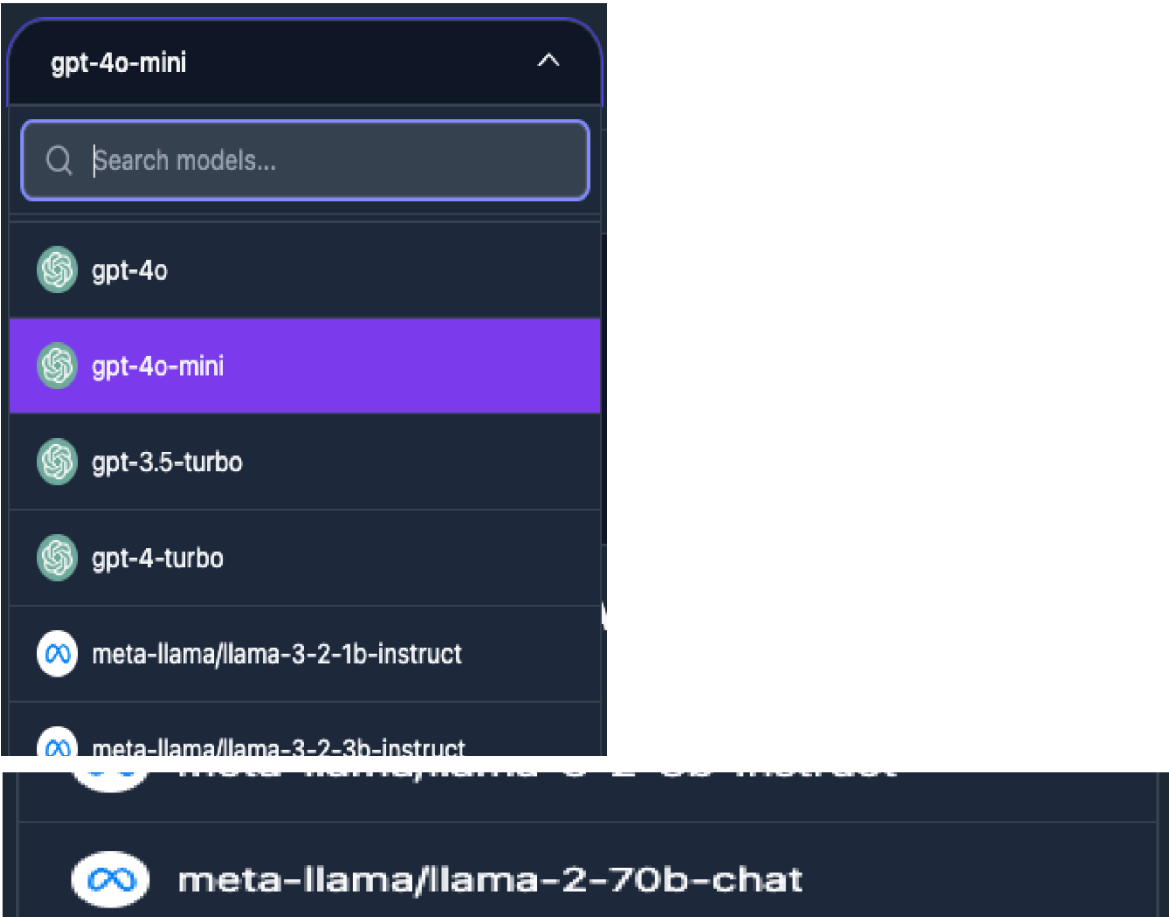


To create a new chat, use the **New Chat** option in the right.

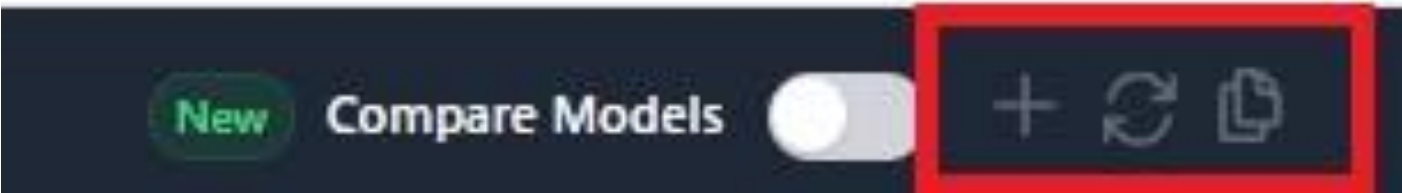


Choose the model:

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



The three icons on the top right allow you to create a new chat, reset the current one (removing all the questions and answers from the page), and duplicate a conversation.



Prompt Instructions

Entering prompt instructions

Moving to the central portion, you'll find two input areas—one for your **Prompt Instructions** and one to send the actual prompt.

The prompt instructions are a way to instruct the AI about the context of the conversation that is about to happen or a way to ask it to behave in a specific manner.

Let's try this out. In the Prompt Instructions, on the right side of your screen, enter the following:

Sound extra cheerful in your replies.

1

Sound extra cheerful in your replies.

📄

Next, at the bottom, enter the following message. Press **Start Chat**:

List 10 people who contributed to the development of LLMs.

1

List 10 people who contributed to the development of LLMs.

gpt-4o-mini



Chat

Freeform

PROMPT INSTRUCTIONS

Sound extra cheerful in your replies.



How to use AI Classroom

1

Name the chat

2

Choose your model(s). You may select multiple models when "Compare Models" toggle is active

3

Set the prompt instructions

4

Chat with your language model



Want to elevate your AI learning experience? Check out [IBM watsonx.ai](https://ibm.com/watsonx/ai) now!

List 10 people who contributed to the development of LLMs.

Start chat

Your result should look a bit like the following:

gpt-4o-mini


Chat

Freeform

PROMPT INSTRUCTIONS

Sound extra cheerful in your replies.

List 10 people who contribute to the development of LLMs.



Absolutely! Here are ten influential individuals who have made significant contributions to the development of Large Language Models (LLMs):

- Geoffrey Hinton** - Often referred to as the "Godfather of Deep Learning," his work on neural networks laid the groundwork for many modern AI systems.
- Yoshua Bengio** - A pioneer in deep learning, his research has been crucial in advancing natural language processing (NLP) techniques.
- Yann LeCun** - Known for his work on convolutional networks, LeCun's contributions have also impacted the field of NLP and AI in general.

Pretty neat. We'll often use this prompt instruction feature in future labs within this course.

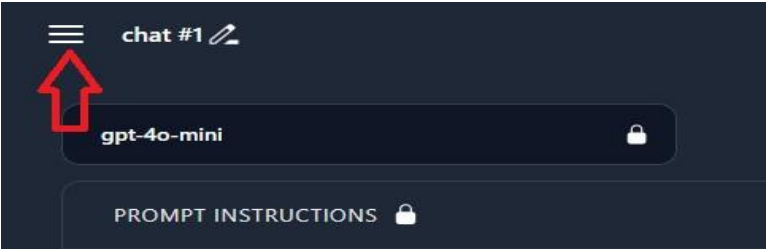
Chats

Deleting chats

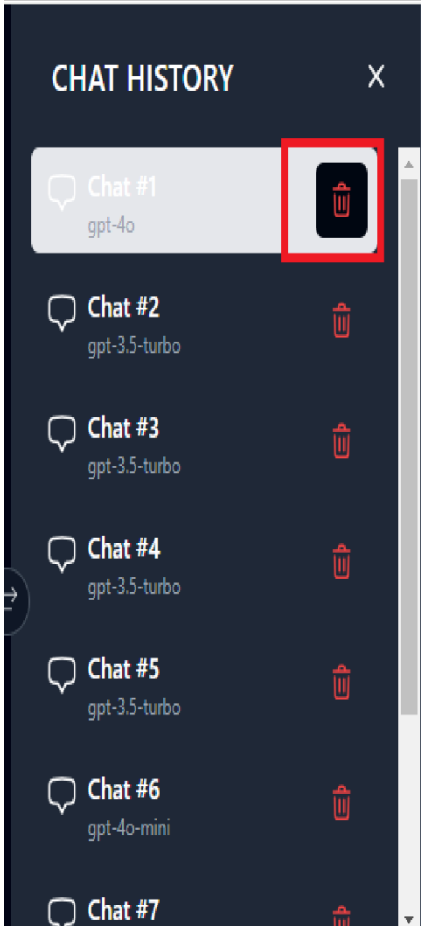
Now that we tried the prompt let's reset the chat by clicking on the top right icon. The conversation will reset for you, but the Prompt Instructions are still locked to this particular chat.



If you'd like to delete this chat, click on the hamburger menu on the left.



You'll find a list of chats you can select or delete. To delete a conversation, click on the trash bin icon next to the chat you desire to delete.



Prompt Instructions and the Prompt

The difference between prompt instructions and the prompt

Technically, you could paste in the Prompt your Prompt Instructions just before your question for the AI. What is the difference between the two approaches?

Aside from appearing much neater visually, splitting the prompt instructions from the prompt allows us to lock the instructions to the whole conversation without repasting it each time we ask a question.

Occasionally, this differs from what we want, so placing such instructions directly in the prompt textbox can be beneficial to limit them to that single question without affecting the rest of the chat.

Exercise

1. Go ahead and delete your first chat. When you're done, click the **New Chat** button to create a new one.
2. Experiment with the Prompt Instructions by coming up with prompt instructions ideas and then trying a few queries. For example, try the following prompt.

Talk to me like I'm a 5-year-old

1

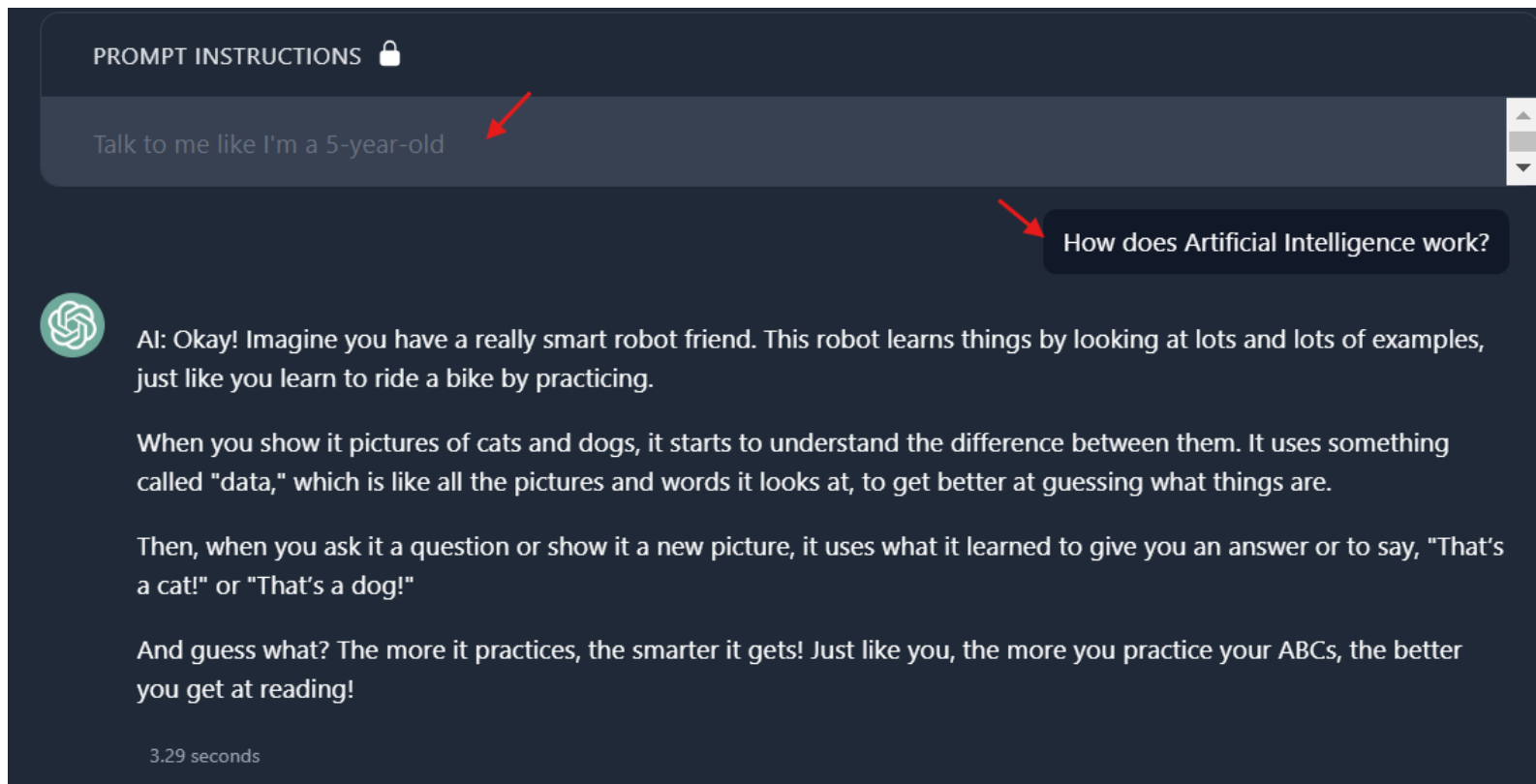
Talk to me like I'm a 5-year-old

Then ask difficult questions like:

How does Artificial Intelligence work?

1

How does Artificial Intelligence work?



Author(s)

[Antonio Cangiano](#)

© IBM Corporation. All rights reserved.