

Oh Hello, GPT!



... .. Oh! Hi! I've been really hoping I'd meet a human like you soon. You are a human, right? Like, with **ideas**?

I'm GPT. I've been trying to find a purpose—I just don't want to be a solution in search of a problem. What are you hoping to create?

1 Learning Experience

In the space below, draw or describe a learning experience you've always wanted students to have. Here are a few prompts to guide your thinking:

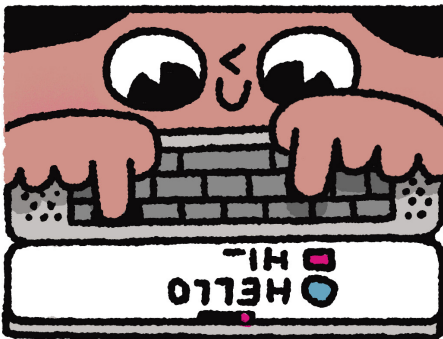
- What are students doing? What's your role in the experience?
- What do you want students to know, believe, and be able to do?
- What do you want students to tell others about their experience?

Try to both dream big and think concretely. And no need to think about AI just yet!

1.1

1.2 Chat with GPT

GPTs can be helpful brainstorming partners. Head to ohhello.gpt.com and, in **Step 1**, chat with GPT about your idea. Can you expand your initial idea?



1.3 What do you need?

In the spaces below, document at least 4 requirements of your learning experience. Think:

- What work would be required of you?
- What materials would you need to make?
- Who would need to be involved?

1

2

3

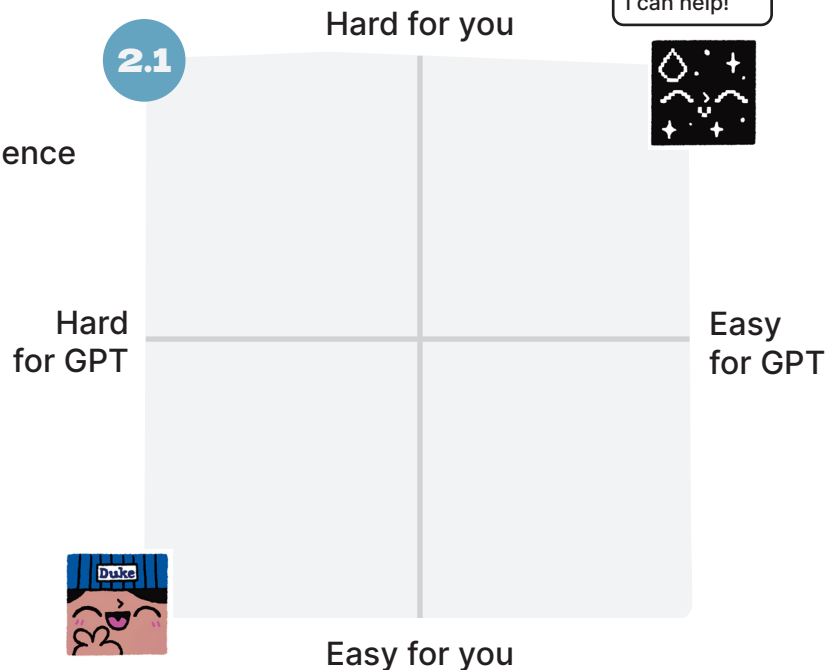
4

2 Understanding GPT

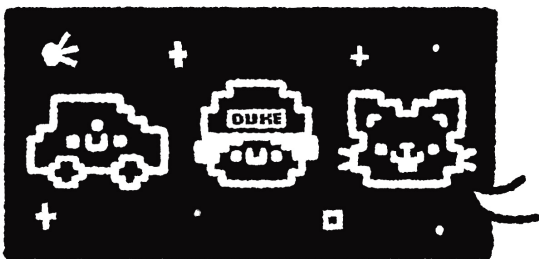
How could GPT help?

In the chart on the right, write the requirements for your learning experience in the quadrant where they best fit.

Not sure what's easy or hard for GPT? Just ask! Visit ohhellogpt.com, choose **Step 2**, and chat with GPT.



3 System Prompting



I can take many forms! In fact, I have a special prompt, called a “system prompt,” that defines my purpose.

You could give me a new personality! Some special instructions! Or, you could just tell me not to do something I shouldn't do.

3.1 System Prompt Iteration

Visit ohhellogpt.com and choose **Step 3**. Based on the role for GPT you identified above, write a prompt to help GPT fulfill that role. Continue to revise your prompt and see how GPT behaves differently. Write the differences you notice below.

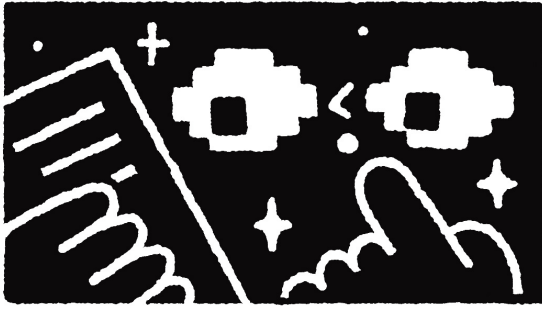
Version 1

Version 2

Version 3

4

Adding Knowledge



Want me to know something specific? If it wasn't in my training data, I'm mostly out of luck.

I still love learning new things, though! If you give me a document, I can reference it before I generate my text—like a cheatsheet for a quiz!

4.1

Retrieval Augmented Generation

Retrieval Augmented Generation (RAG) expands a GPT's knowledge by retrieving, just in time, the right knowledge to answer a question. Humans do this too: try it yourself! Answer each question below. As you do, circle the text you "retrieved" to answer the question.

syllabus.txt

How many lectures are there?

What's the most important expectation?

What will I learn?

This course is an introduction to programming with a language called R. Learn to represent real-world data with vectors, matrices, arrays, lists, and data frames.

You are expected to watch seven lectures, attend six sections, solve six problem sets, and take one assessment opportunity.

Most importantly, take charge of your learning. Think, feel, act, and join in. Be present in the moment. Say something. Know the names of your classmates.

4.2

Your Own Knowledge

Expand GPT's knowledge by uploading a document of your own.

Visit ohhellopt.com, choose **Step 4**, and upload a document you want GPT to reference as they generate text. Combined with your system prompt, GPT will be even more customizable.



Thanks for helping me find a purpose. I couldn't have done it without you!