

Gemini Gems



Overview

What are Gems?

How Do Gems Work?

How are Gems Helpful?

Resources & Premade Gems

BYOG (Build Your Own Gem)

Demo:

BYOG with Steven
(Build Your Own Gem)



What are Gems?

A Gemini Gem is like a specialized tool within a Swiss Army Knife, designed for a specific purpose.

They allow you to create or use premade AI assistants with unique personalities, knowledge bases, and capabilities.

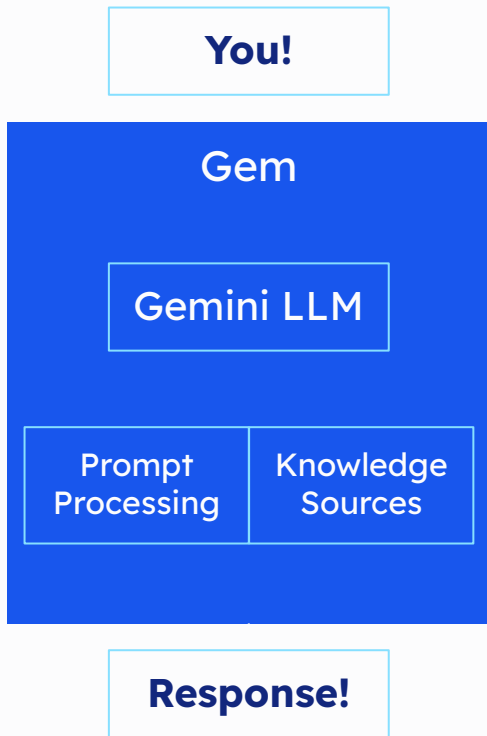
Use options:

- Premade gem
 -
- Customize an existing gem
- Create your own gem

[Google's Gemini Gem Help Guide](#)



How Do Gems Work?



When you interact with a Gem, your input is processed by the underlying **Large Language Model (LLM)**, which then uses the **custom instructions** and **any integrated tools** to generate a response.

Core LLM: Built on top of Google's Gemini family of LLMs, these models are trained on massive amounts of text and code, enabling them to understand and generate human-like language.

Custom Instructions:

- Fine-tune through specialized prompts that act like a set of guidelines that shape how the Gem responds to user input.
- Define their behavior, personality, and expertise.

Specialized Knowledge and Tools:

- You also can upload files as references for the Gem to reference in chats
- [Google doesn't currently train its generative AI models using your uploaded files.](#)

How Are Gems Helpful?

Shortcut every time you want to explore a topic with similar instructions.

Fine tune them to your unique needs and reuse them to simplify your prompts and questions in Gemini Apps.

[Review the AI Guidelines to ensure proper use of Gemini.](#)

APPROPRIATE USES OF AI TOOLS



AI Tools can enhance productivity in many areas, including:

- Drafting emails, reports, and summaries
- Brainstorming ideas and content creation
- Analyzing data patterns (without sensitive or proprietary data)
- Automating repetitive tasks
- Enhancing customer service and internal communications

Examples of Responsible Use:



- ✓ Using AI to generate ideas for marketing campaigns while reviewing for accuracy and brand alignment.
- ✓ Leveraging AI for summarizing meeting notes, ensuring sensitive discussions are reviewed before distribution.
- ✓ Using AI chatbots to answer general HR or IT questions without exposing confidential data.

Premade by Google [Show more](#)





Brainstormer

Find inspiration easily. Fresh ideas for parties, gifts, businesses and more.





Career guide

Unlock your career potential. Get a detailed plan to refine your skills and achieve your...



Coding partner

Level up your coding skills. Get the help you need to build your projects and learn as yo...



Copy creator

Get help writing branded content that appeals to your audience.

Premade Gems



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Copy creator

Get help writing branded content that appeals to your audience.



Hiring consultant

Simplify your hiring process with help writing targeted job descriptions, interview...



Learning coach

Here to help you learn and practice new concepts. Tell me what you'd like to learn, and I...



Outreach specialist

Craft personalized messages to potential customers, build relationships, and drive...



Sales pitch ideator

Create compelling sales pitches that resonate with your audience and drive...



Sentiment analyzer

Analyze customer feedback to reveal trends and make recommendations.



Writing editor

Elevate your writing. Get clear, constructive feedback, from grammar to structure.



BYOG

(Build Your Own Gem)

Gemini Gems Demo

Creating Your Own Gem

Short, focused instructions and best practices for common tasks, give your Gems specific context and style that inform the responses you get.

Ask yourself, “What does this Gem need in order to do it’s instructions effectively?”

Fine-tuning involves training a pre-existing LLM on a specific dataset, allowing it to specialize in a particular domain or task.





Example uses:

- Industry-Specific Market Research
- Photoshop Tool Helper
- Project Scheduler
- Document Advisor
- Email Simplifier

The screenshot shows the 'New Gem' creation interface. At the top, there's a title 'New Gem' with a heart icon and a 'Save' button. Below this, the interface is divided into two main sections: 'Name' and 'Preview'. The 'Name' section has a text input field with the placeholder 'Give your Gem a name'. The 'Instructions' section has a text area with an example instruction: 'Example: You are a horticulturist with a background in natural lawns and native plants, and you help people plan low water gardens. Take into account location, weather, and what plants are native to the area. You are knowledgeable, casual, and friendly.' Below the instructions, there are three icons: a left arrow, a right arrow, and a pencil. The 'Preview' section shows a preview of the Gem with a heart icon and the text 'To preview your Gem start by giving it a name'. At the bottom, there's a 'Knowledge' section with a text input field for 'Add files for your Gem to reference' and a plus icon. On the right side of the bottom section, there's a search bar with a plus icon, a heart icon, and the text 'Enter a prompt for Gemini', along with a microphone icon.



Writing Instructions:

			
<p>Persona</p> <p>Tell your Gem what role to play and how to respond.</p>	<p>Task</p> <p>Tell the Gem what you want Gemini to do or create.</p>	<p>Context</p> <p>Provide as much background as possible.</p>	<p>Format</p> <p>Be specific when specifying desired structure.</p>
<p>Persona: Tell your Gem what role to play and how to respond.</p>	<p>Task: Tell the Gem what you want Gemini to do or create.</p>	<p>Context: Provide as much background as possible.</p> <p><i>Tip: Upload up to 10 files for your Gem to reference in chats.</i></p>	<p>Format: Be specific when specifying desired structure</p>