

[Open in app](#)



Level Up Coding

Member-only story

Google's New AI – Nano Banana: Top 10 Use Cases That Will Blow Your Mind

How Nano Banana is redefining the future of AI Image Gen



Yasas Sandeepa

Follow

11 min read · Oct 3, 2025

208

2



...

TOP 10 USE CASES

Nano Banana

That Will Blow Your Mind!



Cover Image — Designed by Author using Nano Banana and Canva

AI is evolving at lightning speed, and Google has just dropped an all-new AI image editor, which is so powerful and completely free that it might wipe out half the side hustles overnight.

It's called Nano Banana!

It's Google's brand-new AI image tool, built right into Gemini, which goes far beyond simply turning text into pictures. It unlocks some of the wildest, most mind-blowing possibilities for industries in ways you wouldn't even believe are possible.

Before, editing a photo meant years of mastering complex tools like Photoshop/Illustrator or hiring expensive professionals. Now, all it takes is an idea and a well-written prompt.

With this free tool, you can achieve professional-quality results in minutes. From everyday fixes to advanced edits, it's opening doors that would have sounded impossible just a year ago.

In this article, I'll walk you through 10 powerful and practical ways people are using Google's Nano Banana. From simple hacks to industry game-changers. Let's get started.

You can try Nano Banana yourself for free at [Google AI Studio](#).

The screenshot shows the Google AI Studio interface. On the left, there's a sidebar with 'Studio' (Chat is selected), 'Stream', 'Generate media', 'Build', 'History', and 'Enable saving'. Below that are 'Dashboard' and 'Documentation'. A note says 'This model is not stable and may not be suitable for production use. [Learn more](#)'. At the bottom are 'Get API key' and 'Settings'.

The main area has a title 'Untitled prompt' with a pencil icon. To the right are 'Run settings', 'Get code', and a close button. Below the title is a search bar containing 'Show me different logos and brand swag ideas for my startup called Avurna →'. To the right of the search bar are 'Run' and 'Ctrl ↵' buttons.

A red arrow points from the text 'Try Nano Banana' to the 'Nano Banana' model card. The 'Nano Banana' card is highlighted and contains the following text:

Nano Banana
gemini-2.5-flash-image-preview
(aka Gemini 2.5 Flash Image) State-of-the-art image generation and editing model.

System instructions
Optional tone and style instructions for the model

Temperature (a slider set to 1)

Advanced settings

The 'What's new' section lists four cards:

- Try Nano Banana**: Gemini 2.5 Flash Image, state of the art image generation and editing.
- Fetch information with URL context**: Fetch real-time information from web links.
- Generate native speech with Gemini**: Generate high quality text to speech with Gemini.
- Talk to Gemini live**: Try Gemini's natural, real-time dialog experience, with audio and video inputs.

Google AI Studio — Image from <https://aistudio.google.com>

Note: My favorite way to use it is through Google's AI Studio, but it's also available in Gemini, Higsfield, Crea, Freepik, Adobe Firefly, and many other platforms.

01. Image Generation and Refining

This is the most basic yet most powerful functionality of any kind of AI image tool. With Nano Banana, you can instantly generate ultra-realistic photos tailored to your exact requirements.

Prompt: A small, cheerful girl playing in the grass on a sunny day, surrounded by beautiful, sunlit trees. Warm natural light, vibrant colors, joyful and playful mood, captured in ultra-realistic style.



Generated image from Nano Banana

It will understand exactly what you're asking for and implement those changes in seconds. Look at the quality of the generated image!

What makes this new model so impressive is that you can keep editing and refining until it's exactly what you want.

Let's say I need to modify that previously generated image as shown below.

Prompt: Refine the image. Change the girl's hair from curly to straight and the girl's outfit to a summer dress with floral patterns.



Generated image from Nano Banana

Wow! Look at this. It keeps the same image, but changes the dress and the hair of the girl.

The artistic possibilities of this technology are simply limitless. You can edit infinite times until you are satisfied.

02. Professional Headshots

This is a mind-blowing feature. Suppose you are in a hurry to upload a professional photo for your new job. Now you don't need to wait or visit a studio anymore. Nano Banana can transform any photo into a polished, professional headshot in seconds.

Upload a casual selfie, and in just seconds, it can transform it into a LinkedIn-ready professional portrait.

Let's see how it can generate!

Prompt: Transform this image into a professional headshot: black suit, blue tie, calming backdrop and studio background.



See how Nano Banana transforms an author's photo into a professional headshot. (Image of Author)

The challenge has always been maintaining character consistency. Most AI tools make the same person look different in every result, breaking the illusion. Nano Banana solves this by preserving faces, styles, and details consistently across multiple images.

Moving away from professionalism, you can also experiment with casual edits, like trying out new hairstyles.

Here's an image I created with Nano Banana, featuring his new hairstyle.

Prompt: Change the hairstyle to a Beckham cut (short sides, longer textured top)



AI Hair Change using Nano Banana (Image generated from Nano Banana)

Amazing results! If you generate multiple edits of yourself, your face actually looks like you across all those images.

03. 3D image modelling

Suppose you are an engineer and need to create a 3D model based on your design, but have zero knowledge of building it from scratch. Nano Banana

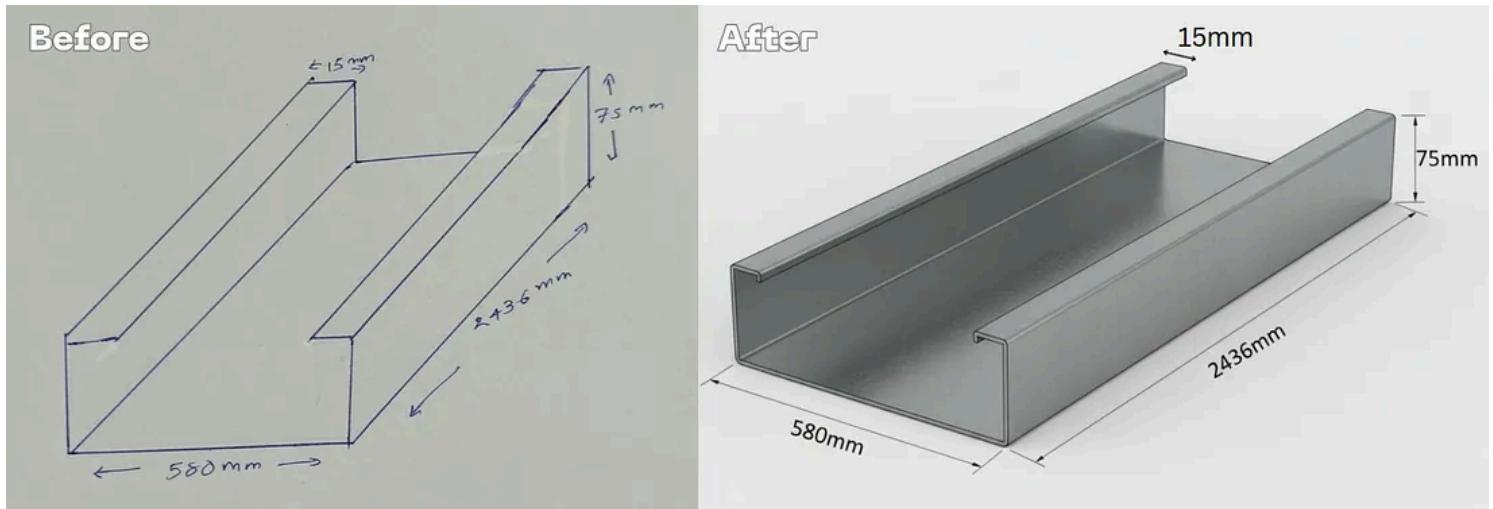
makes this process incredibly easy, allowing you to generate detailed 3D models quickly and accurately.

Whether it's architectural layouts, product prototypes, or mechanical parts, you can turn your ideas into realistic 3D visuals without mastering complex software.

You can simply draw your 3D image on a piece of paper and turn it into a stunning 3D model.

Check out the cable trunk model I drew on paper. I also provided the dimensions.

Prompt: Generate a 3D model for provided image.



Generated 3D Model (Image generated from Nano Banana)

It can replicate the drawing exactly as it appears on paper, and I'm truly impressed by the results.

04. Remove elements

As you may be aware, most modern smartphones have a built-in AI feature that allows you to select and remove elements from an image. (like Samsung AI or Apple's AI tools)



Some AI model's fails to remove elements ([Image source](#))

However, when it comes to **accuracy and seamless results**, Nano Banana stands out as the best. It can remove unwanted objects or people from your photos while perfectly maintaining the surrounding details, making edits look completely natural.

Also, you don't even need to manually select the element. Just tell Nano Banana what you want to remove, and it will do the job for you.

I have tried the exact image, and you can see the output below.



User

remove the paper

Model



Remove elements (Image generated from Nano Banana)

Check out how incredibly accurate this is!

05. Make Custom Avatars & Characters

Would you like to turn your photo into a cartoon or stylised version? You might not need this yourself, but many creators spend hours crafting characters for short films, animations, or games.

Normally, creating a detailed 3D character can take hours or even days. But with Google's Nano Banana, you can instantly transform any image into a custom avatar, saving a massive amount of time while still producing professional-quality results.

Let's see how it can turn the image we used for removing the paper into a cartoon-like version. I'll also generate a custom 3D character from the same image.

Prompt: Transform this person into a cartoon-style character.

Prompt for 3D character: Create a 3D character inspired by highlander the animated series. iconic superhero outfit, heroic pose with sword realistic lighting.



Look how accurate these are! Instead of using your own face for your account, you can create a virtual character and post lifelike images of them in different scenarios, giving you a unique and creative online presence.

06. Banner, Poster, Thumbnail Creation

Are you a YouTube content creator or someone who often needs eye-catching designs like banners, posters, or thumbnails? Traditionally, you had to spend hours using tools like Illustrator or Canva. But now, you don't need to do so.

With just a single photo, Nano Banana can instantly transform it into a branded Instagram post, a professional-looking poster, or even a YouTube thumbnail. It can add text overlays, catchy slogans, and clean design elements automatically.

Check the image below, which I generated with this prompt.

Prompt: A close-up of a sleek running shoe on a running track, captured in natural daylight. The background shows the textured red track lines with a sense of motion and energy, giving a sporty and dynamic vibe.



Image of Shoe (Image generated from Nano Banana)

Now I need to convert this image into a banner, and I used the following prompt.

Prompt: A futuristic sports banner featuring a running shoe on a glowing track. Add motion blur and energy trails behind the shoe to emphasize speed and power. The background should have dynamic light streaks and abstract shapes, giving a

sense of momentum. Overlay bold text at the top: “Unleash Your Potential!” in a modern, energetic font.



Created Banner (Image generated from Nano Banana)

Look how this simple image has been transformed into a stunning poster!

07. Home Decor Suggestions

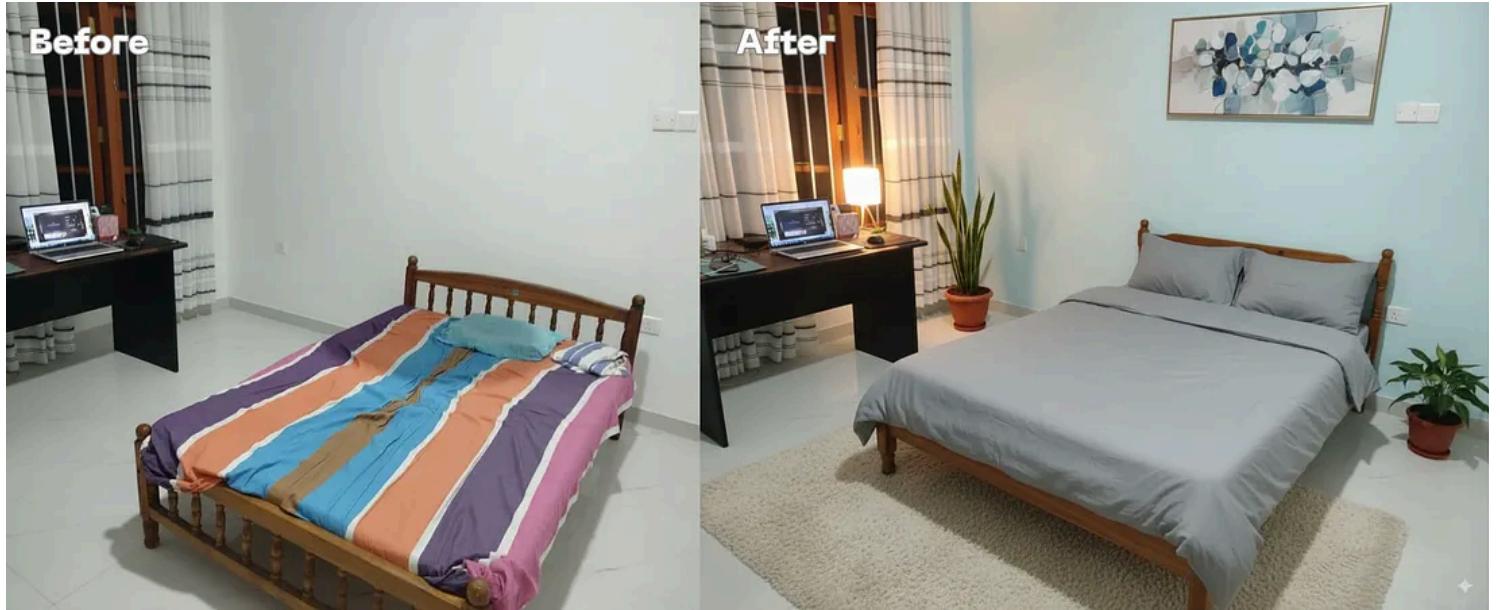
Renovating or redecorating a home is exciting, but it can also feel overwhelming. Many people struggle to visualise how new designs, layouts, or furniture arrangements will actually look in their space.

That's where Nano Banana comes in. With just a photo of your room, you can instantly experiment with different furniture placements, wall colours, flooring options, and even lighting styles.

Whether you're redesigning your living room, trying out new decor themes, or simply wondering how a couch would look by the window, this helps you see the transformation before making costly decisions. It's like having an interior designer in your pocket.

I uploaded an image of my bedroom with just a bed and a table. Then I used the following prompt to see how Nano Banana could redecorate the entire space.

Prompt: Redesign this bedroom into a modern cozy style. Keep the bed and table, but tidy up the bed and change the bedsheet design to a neat gray color. Add warm lighting, a soft rug under the bed, a stylish lamp on the table, and wall art above the bed. Place an indoor plant on the floor next to the table and another near the bed for a fresh vibe. Change the wall color to a light pastel tone.



Home Decor (Image generated from Nano Banana)

08. Virtual Try-On / Fashion Preview

With Nano Banana, you can upload a photo and prompt the AI to dress you (or someone else) in different outfits. From suits and casual wear to traditional clothing or seasonal styles, you can instantly see how each look fits before making a purchase.

This feature is a game-changer for fashion enthusiasts and online shoppers. It saves time and helps you experiment with styles you might not have considered. Whether you're planning a special event, updating your wardrobe, or exploring new fashion trends, Nano Banana lets you visualise the perfect look with just a few clicks.

Check how this woman's top was transformed using Nano Banana with the following prompt. (You also need to upload the image of the clothing. The top dress is chosen from [Pinterest](#).)

Prompt: Dress the person in the uploaded photo using the next uploaded dress.



Virtual Try On (Image generated from Nano Banana)

This is what their official page shows (You can check it in the resources section)

Provide multiple images as context to create a new, composite scene. This is perfect for product mockups or creative collages.

Template Prompt Python JavaScript Go REST

Create a new image by combining the elements from the provided images. Take the [element from image 1] and place it with/on the [element from image 2]. The final image should be a [description of the final scene].

Input 1	Input 2	Output
		
A professionally shot photo of a blue floral summer dress...	Full-body shot of a woman with her hair in a bun...	Create a professional e-commerce fashion photo...

Image editing prompt (Screenshot of Google's [official doc](#))

You can also try on jewellery, such as necklaces, earrings, bracelets, and rings.



09. Restoring / Colourising Old Photos

Another remarkable and practical use of Nano Banana is restoring old photographs. Many cherished memories are stored in worn-out, faded, or black-and-white photos, and bringing them back to life used to require hours of manual editing.

With Google's Nano Banana, all you need to do is upload your photo and prompt the AI to restore, recolour, and enhance details. In just seconds, it can transform old, damaged images into vibrant, high-quality photographs that look like they were taken with modern equipment.

Scratches, faded areas, and missing details can be repaired seamlessly, preserving your memories while giving them a fresh, realistic look.

I found an image of one of our ancient kings, Sri Vikrama Rajasingha, on [Wikipedia](#). The original was black & white and faded. I colourised it using Nano Banana.

Prompt: Restore and recolor this old photograph with modern details.



Restored one of our ancient king Sri Vikrama Rajasingha (Image generated from Nano Banana)

Would you just look at that? Absolutely stunning. Adding colour and fixing damage on the original photo really brought out the depth in the photo.

10. Product Mockups

Print-on-demand (POD) is a simple way to start an online business. Design your artwork once, upload it, and it will be printed on items like t-shirts, mugs, phone cases, or hoodies whenever a customer orders.

With Nano Banana, creating realistic product mockups becomes effortless. You can instantly place your designs on different products, visualise them in

various settings, and adjust colours, textures, and layouts without needing expensive software or a professional studio.

Check out the example below, where I have created a mockup of a pillow.

Prompt: Place the uploaded pillow design onto a realistic pillow mockup. Add the text 'Your Cozy Space' in a stylish, readable font on the pillow. Ensure realistic folds, shadows, and texture. Place the pillow on a cozy sofa setting with professional lighting, highlighting both the design and the text clearly.



Product Mockup (Image generated from Nano Banana)

You can even merge several images together to create the perfect final design.

I have created another coffee mug as a product mockup and used the following prompt to bring it all together.

Prompt: Add the uploaded coffee mug to the previous pillow on sofa mockup. Place the mug naturally on the nearby table. Maintain realistic lighting, shadows, and proportions so it blends seamlessly with the existing scene.



Combining multiple products (Image generated from Nano Banana)

This is not only amazing for dropshipping and e-commerce brands, but also perfect if you want to launch your own product. The ability to create custom mockups for any piece of merchandise is absolutely insane.

Resources

You can use [Google's Official Documentation](#) to create the perfect prompt using the provided templates and follow best practices.

Google AI for Developers

Gemini API docs API Reference

Gemini
Imagen (image generation)
Veo (video generation)
Lyria (music generation) 
Embeddings
Pricing
Rate limits
Billing info

Core Capabilities

Text generation
Image generation 
Speech generation 
Long context
Structured output
Thinking
Document understanding
Image understanding
Video understanding
Audio understanding
Function calling

Tools

Google Search
Code execution

Search / Language  Get API key Cookbook Community Sign in

Prompts for editing images

These examples show how to provide images alongside your text prompts for editing, composition, and style transfer.

1. Adding and removing elements

Provide an image and describe your change. The model will match the original image's style, lighting, and perspective.

Template Prompt Python JavaScript Go REST

Using the provided image of [subject], please [add/remove/modify] [element] to/from the scene. Ensure the change is [description of how the change should integrate].

Input Output



Check out my [Top 15 AI Tools](#) article as well to learn more about AI use cases.

Top 15 AI Tools You Need to Know

Revolutionizing Workflows Across Industries, From Automation to Creativity

levelup.gitconnected.com

Final thoughts

Every day, new AI tools appear, but not all live up to the hype. Some lead to dead ends, others waste your time, and a few may even steer you off course.

Google's Nano Banana isn't just another AI image tool. It's a glimpse into the future of creativity, design, and photo editing. This powerful platform is changing the way we approach visual content, making complex tasks simpler and more accessible than ever.

It's arguably the most capable AI image model available today, unlocking limitless creative possibilities. From filmmaking to graphic design to any visual industry, Nano Banana empowers creators to bring ideas to life in ways previously unimaginable, and you can try it for free.

Whether for playful experiments or professional projects, the potential is endless. The best part? You don't need advanced skills to produce impressive results. All it takes is a well-crafted prompt and a bit of imagination. Give it a try yourself!

Note: Do not use Nano Banana for illegal or abusive purposes. Every image includes a hidden SynthID, which Google can use to trace it back to your account.

Thanks for Reading. Happy Generating!

Artificial Intelligence

Nano Banana

AI

Image Generation

Passive Income



Published in Level Up Coding

274K followers · Last published just now

Follow

Coding tutorials and news. The developer homepage gitconnected.com && skilled.dev && levelup.dev



Written by **Yasas Sandeepa**

1.6K followers · 835 following

Follow



An energetic highly motivated Tech Enthusiastic. First-Class Honours | BSc (Hons) in Information Technology | University of Moratuwa ✨ Web: bit.ly/yasas4d ✨

Responses (2)



Bgerby

What are your thoughts?

See all responses

More from Yasas Sandeepa and Level Up Coding



In Level Up Coding by Yasar Sandeepa

Top 15 AI Tools You Need to Know

Revolutionizing Workflows Across Industries, From Automation to Creativity

Mar 30 390 4

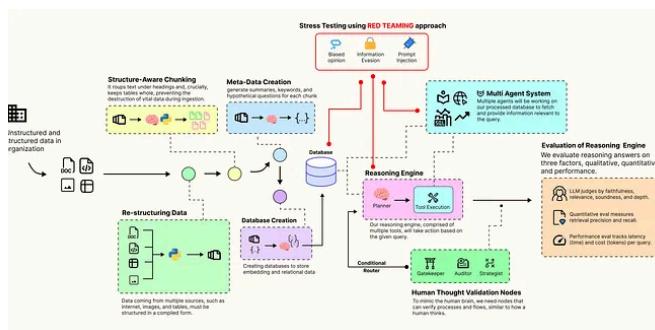


In Level Up Coding by Fareed Khan

Building 17 Agentic AI Patterns and Their Role in Large-Scale AI...

Ensembling, Meta-Control, ToT, Reflexive, PEV and more

Sep 25 1.96K 42



In Level Up Coding by Fareed Khan

Building an Advanced Agentic RAG Pipeline that Mimics a Human...

Ambiguity Checks, Multi-Tool Planning, Self-Correction, Causal Inference and more.

Sep 16 1.3K 19

In Level Up Coding by Yasar Sandeepa

Meet Pollo AI—The Game Changer in AI Visual Creation

Transforming Ideas into Stunning Visuals with Advanced AI Features

May 26 12 1



See all from Yasar Sandeepa

See all from Level Up Coding

Recommended from Medium



 In The Generator by Jim the AI Whisperer

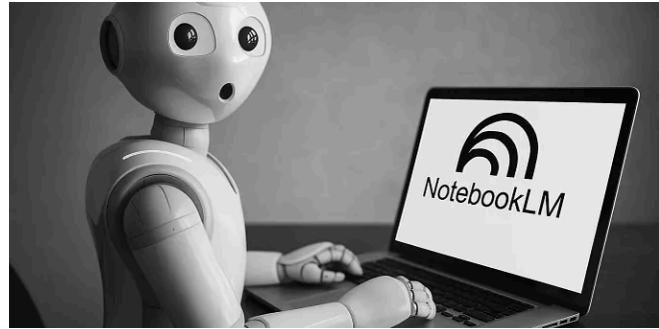
The words “blah blah blah” increase AI accuracy

Who needs Chain of Thought when “blah blah blah” works?

⭐ 6d ago

👏 3.8K

💬 79



 In Data Science Collect... by Amanda Iglesias Mor...

NotebookLM Just Got a Serious Upgrade—Exploring...

What's New and Why It Matters

⭐ Sep 29

👏 620

💬 15



 Jaytech

11 Free Microsoft AI Tools You Should Know in 2025 🤖

Photo by BolivialInteligente on Unsplash



 In Generative AI by Jim Clyde Monge 

Here's A Quick Hack To Generate Viral Videos In Minutes

A detailed guide on using Medeo to generate 1-minute-long viral videos from URL or text...

Oct 1 30 7

...

Oct 1 173 4

...



Mihailo Zoin

NotebookLM's Infographics: The feature we've been waiting for

How Google's upcoming visual artifact will complete the knowledge-to-communication...

Oct 1 130 2

...



In *AImonks.io* by Akram Mubeen

10 Viral Google Nano Banana AI Prompts You Must Try

Nano Banana Prompts That Are Breaking the Internet

Sep 26 130

...

See more recommendations