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Harnessing The Power of Midjourney (AI Text-to-Art Generator)

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Harnessing The Power of Midjourney (AI Text-to-Art Generator)

Presented by:

Ir. Adi Setiawan, ST, M.Eng.Sc., IPM
Electrical Engineering Department <https://el.itl.ac.id>
Institut Teknologi Indonesia

Capita Selecta Class, 25 th March, 2023

What is Midjourney?

- A text-to-art generator
- Built to quickly and easily generate beautiful arts
- Using AI to produce stunning arts with minimal effort and time.
- Easily customizable and allows us to create unique arts in seconds.

Midjourney Version 5

- V5 was released on March 15th, 2023
- Some improvements are greater image details, wider aesthetics range, better understanding of language inputs, better image prompting


We will use Midjourney
through Discord

What is Discord?

- An internet voice and text-based chat application
- Designed for the gaming community.
- Easy to use, free, and allows for quick and convenient communication within gaming communities.

IMAGINE A PLACE...

...where you can belong to a school club, a gaming group, or a worldwide art community. Where just you and a handful of friends can spend time together. A place that makes it easy to talk every day and hang out more often.

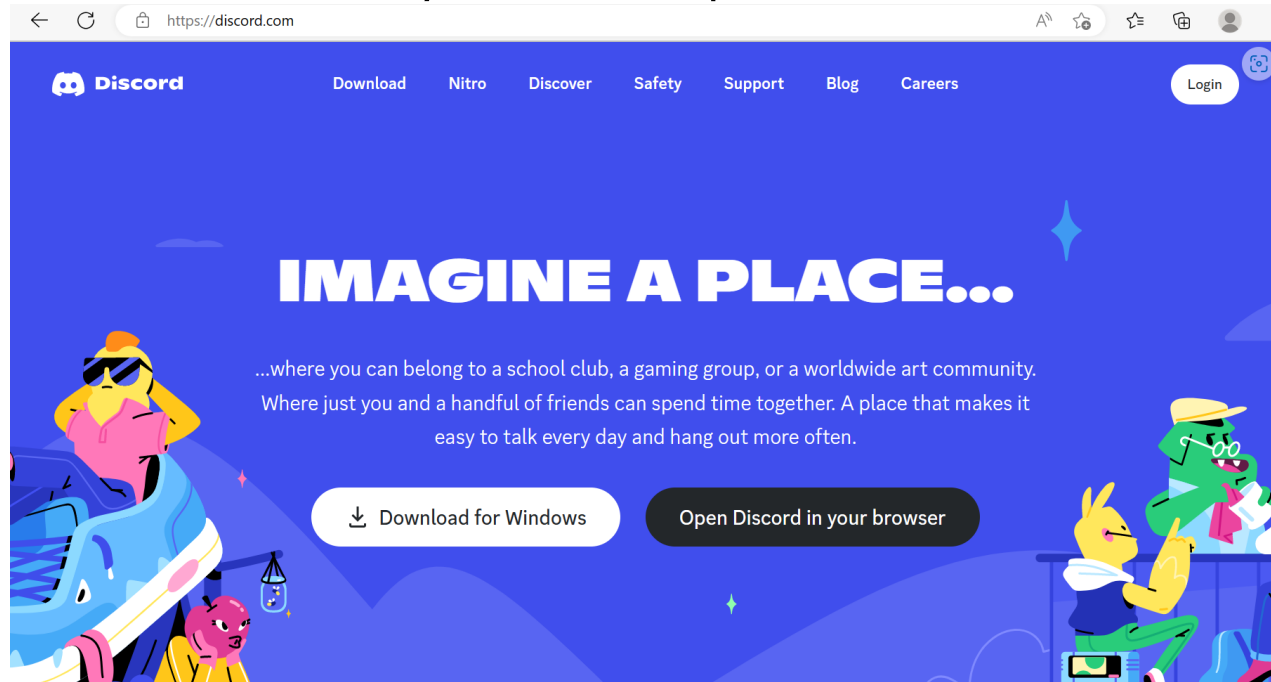
 [Download for Windows](#)

[Open Discord in your browser](#)



Now, steps to start using
Midjourney
through Discord
to produce great arts

1. Create an account on Discord at <https://discord.com/> by clicking “Open discord on your browser” or you can download Discord to your computer first.



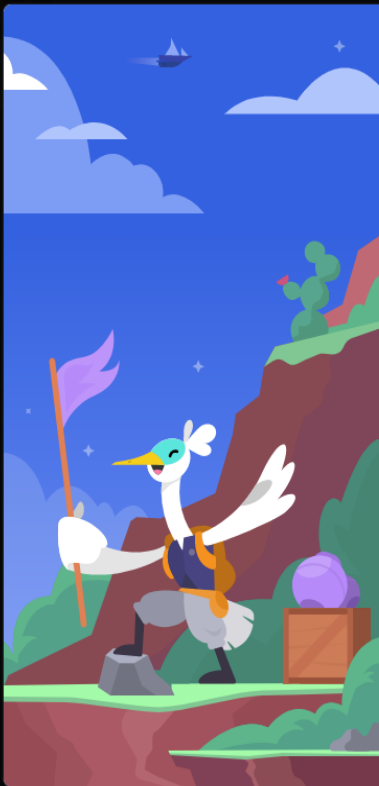
This is an unclaimed account. Claim it before it's lost. [Claim Account](#)

Find or start a conversation

[Friends](#) [Online](#) [All](#) [Pending](#) [Blocked](#) [Add Friend](#)

[Friends](#)

DIRECT MESSAGES



Create your first Discord server

Your server is where you and your friends hang out. Make yours and start talking.



[Create My Own](#)



START FROM A TEMPLATE



[Gaming](#)



[School Club](#)

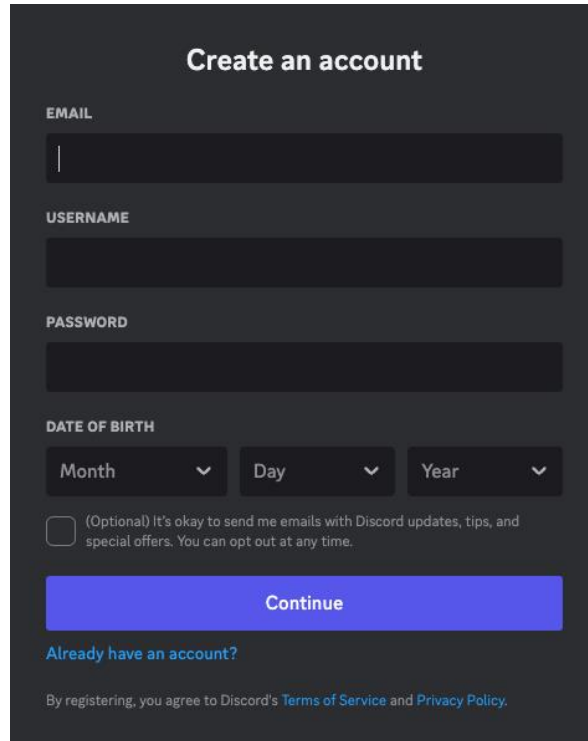


[Study Group](#)



[Have an invite already? Join a server](#)

2. Create an account on Discord if you chose to download it to your computer



The image shows a dark-themed web form for creating a Discord account. At the top, the text "Create an account" is centered in white. Below this, there are four input fields: "EMAIL", "USERNAME", and "PASSWORD", each with a dark grey input box. The "DATE OF BIRTH" field consists of three separate dropdown menus labeled "Month", "Day", and "Year". Below these fields is a checkbox with the text "(Optional) It's okay to send me emails with Discord updates, tips, and special offers. You can opt out at any time." At the bottom of the form is a prominent blue button labeled "Continue". Below the button, there is a link "Already have an account?" and a footer line of text: "By registering, you agree to Discord's Terms of Service and Privacy Policy."

Create an account

EMAIL

USERNAME

PASSWORD

DATE OF BIRTH

Month Day Year

(Optional) It's okay to send me emails with Discord updates, tips, and special offers. You can opt out at any time.

Continue

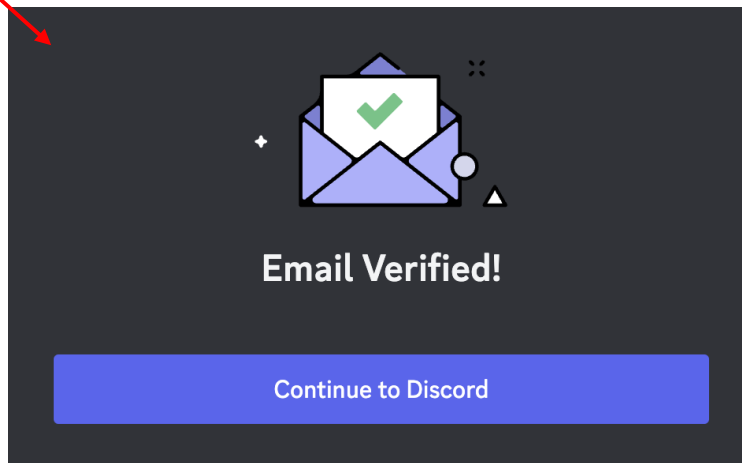
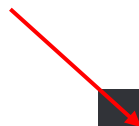
[Already have an account?](#)

By registering, you agree to Discord's [Terms of Service](#) and [Privacy Policy](#).

2. Verify your email address

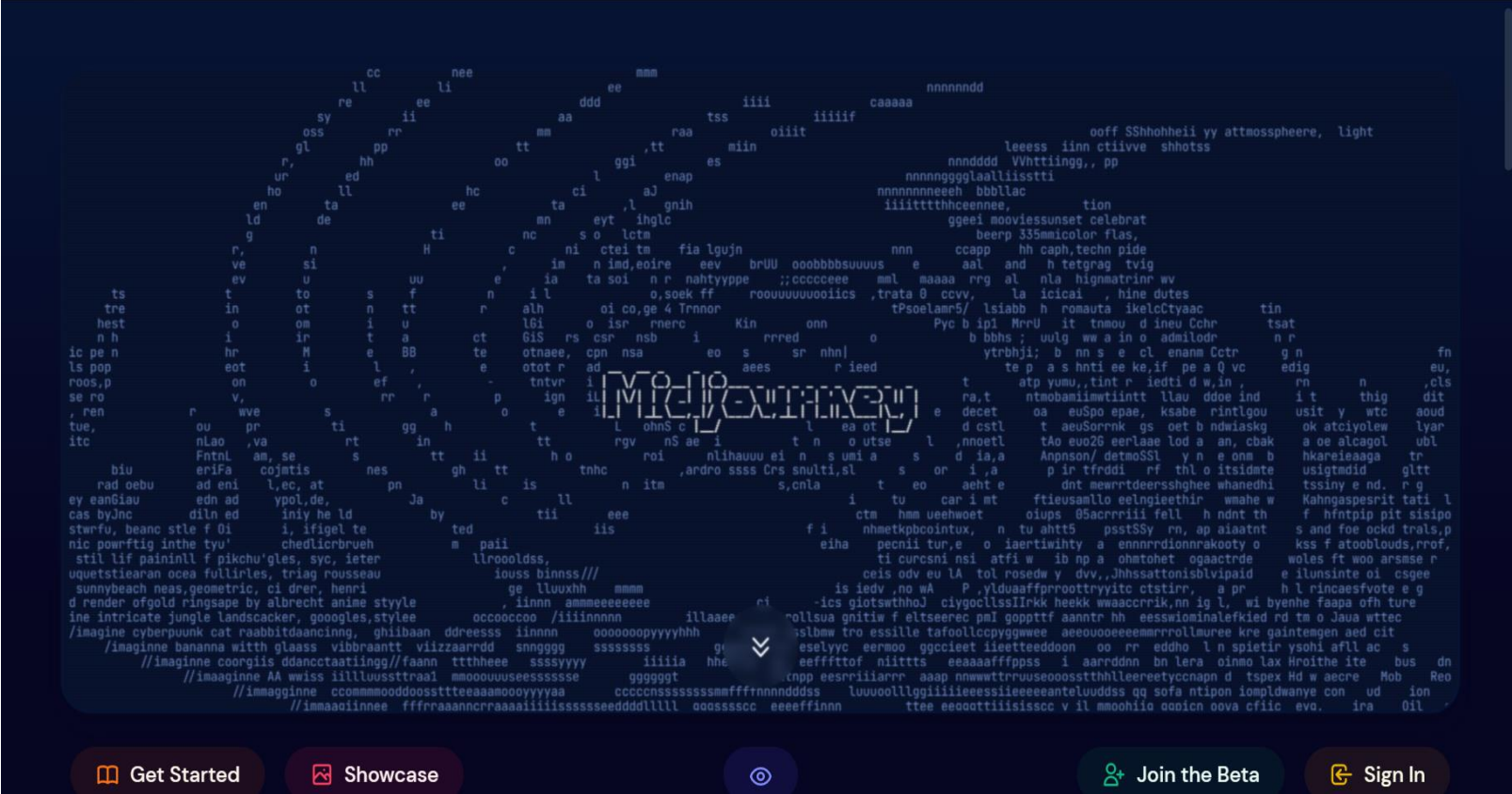
Thanks for registering for an account on Discord! Before we get started, we just need to confirm that this is you. Click below to verify your email address:

Verify Email

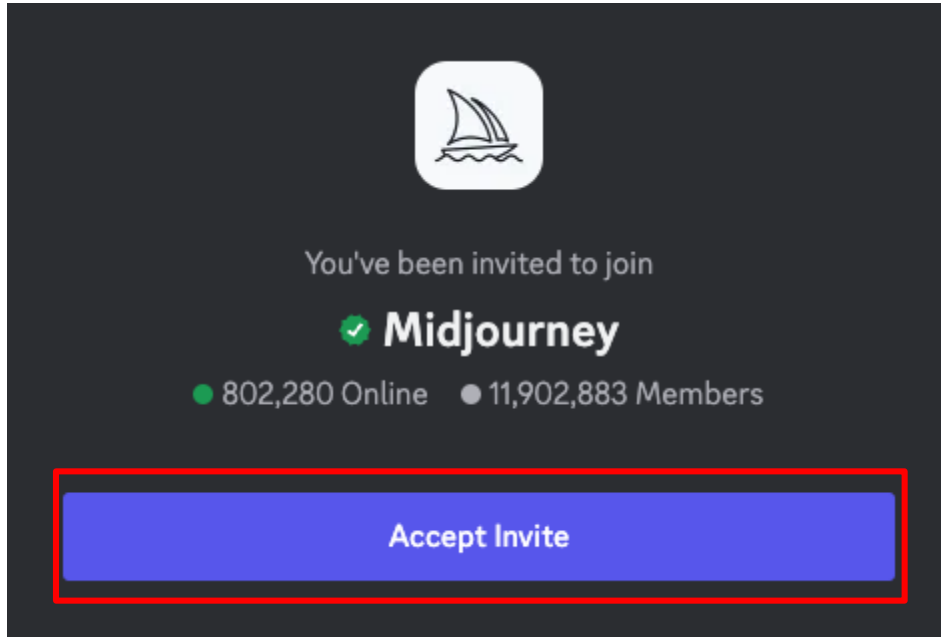


3. Once everything is set up in Discord, now you will learn how to use Midjourney to create great AI arts.

4. Go to Midjourney.com and click "Join The Beta"



6. Accept the invitation to join the Midjourney channel



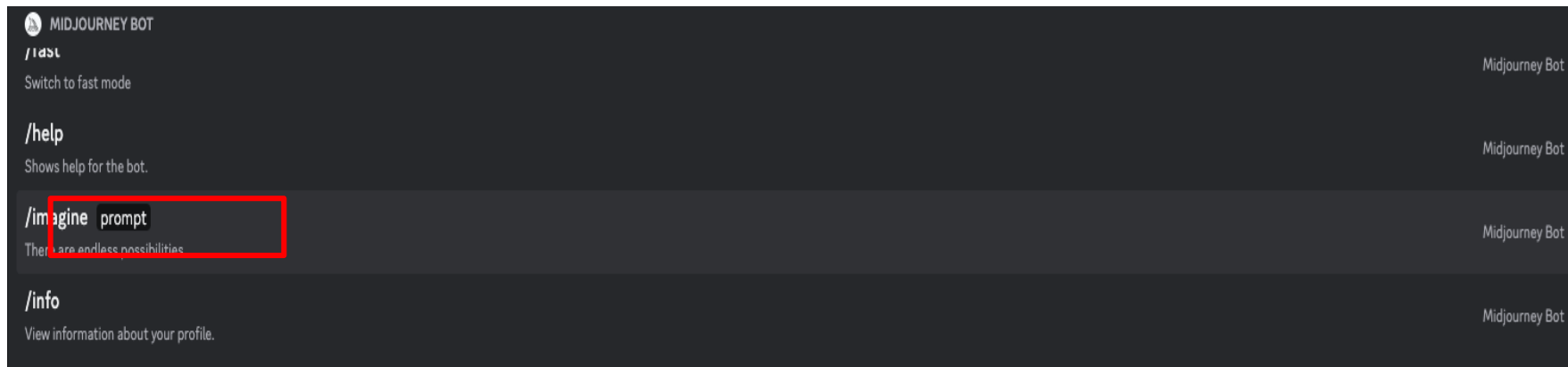
7. Join a Midjourney Newbies channel. Choose any newbies-# channel visible in the left sidebar.



But what if you're on a different Discord server?

- Creating images is easy with the Midjourney Bot - just make sure the Bot has been invited to your server (Discord will ask to claim the account you are using, so you have to provide invite link you got from Midjourney).
- To find out how to use it, simply take a look at the instructions on your server.

Interact with the Midjourney Bot on Discord by utilizing Commands



Useful for generating images from a prompt, altering the default settings, monitoring user information, and performing other advantageous operations.

Simply type **/imagine** followed by a short text description to create an exclusive image.

Midjourney Bot Free Trial

- By producing an image, you can take advantage of Midjourney's free trial period. Up to **25 Jobs** can be done before a subscription is required. A **Job** is any action that uses the Midjourney Bot.
- These Jobs include the **/imagine** command, which creates a grid of images, improves the resolution of images, or makes various versions of them - all depleting your free trial time. You can type the **/info** command to check just how much of your trial time is left.

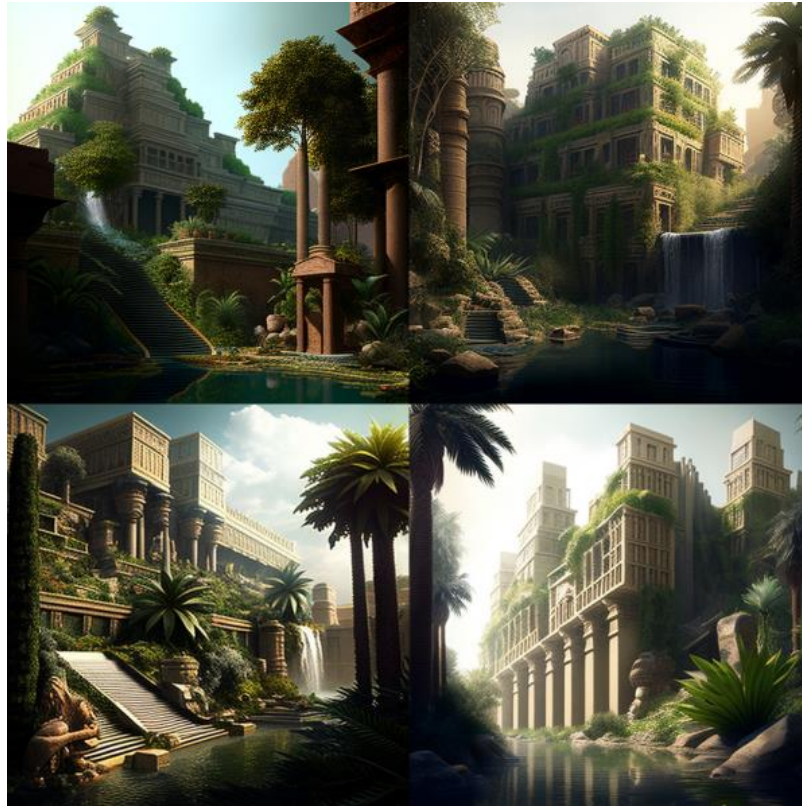
What is an AI image-generator prompt?

- A prompt is an input that guides a computer's AI system in producing an art.
- Prompts can range from a simple text description ("Draw a picture of a tree") to more complicated parameters that involve multiple parts coming together ("Create a picture of a person in a room with a window and a desk").

Steps to create an image-generator prompt

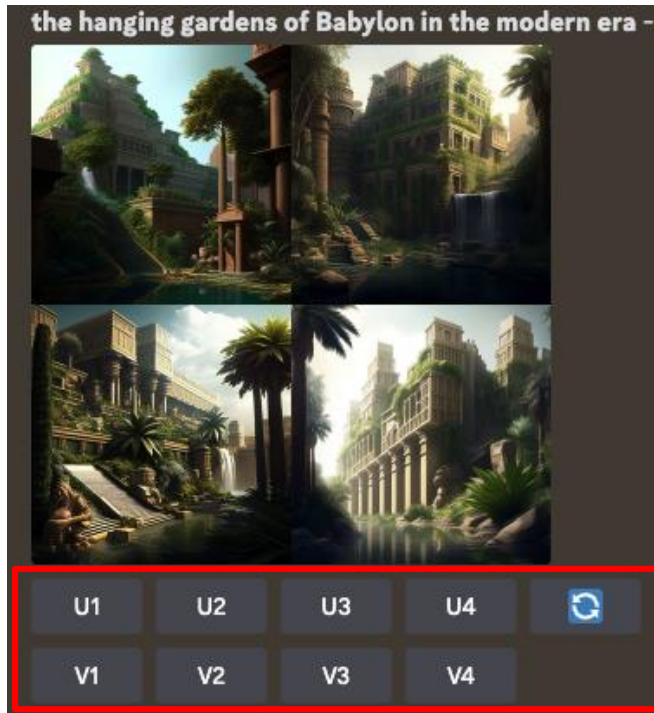
- Determine the intention or desired outcome of the generated art
- Specify the prompt's parameters
- Test the AI tool to see if it produces the desired outcome

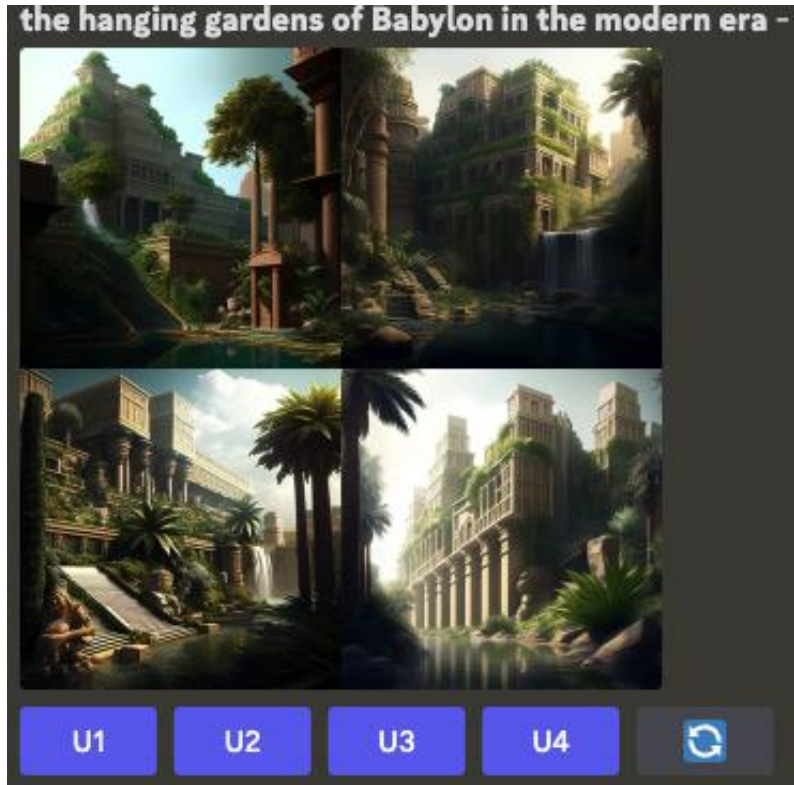
**Are you ready with
your Midjourney now?**



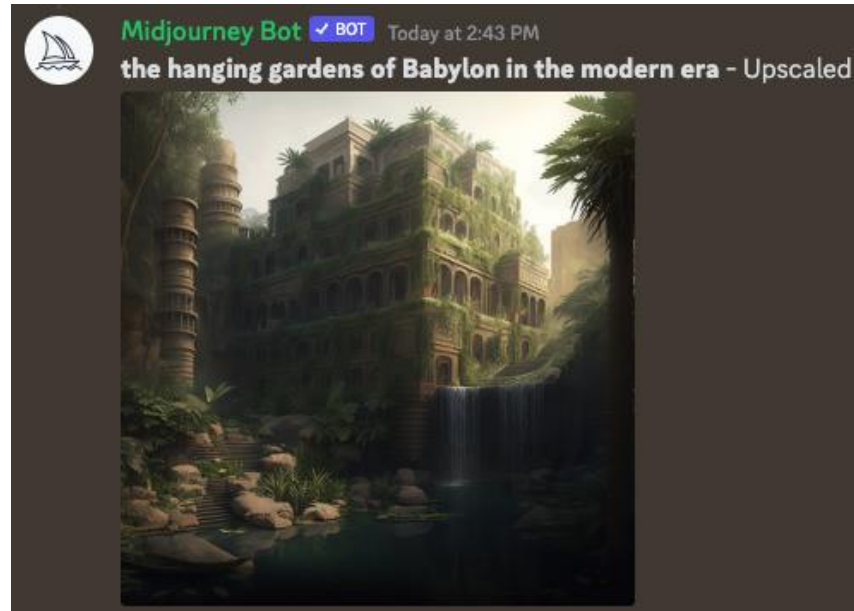
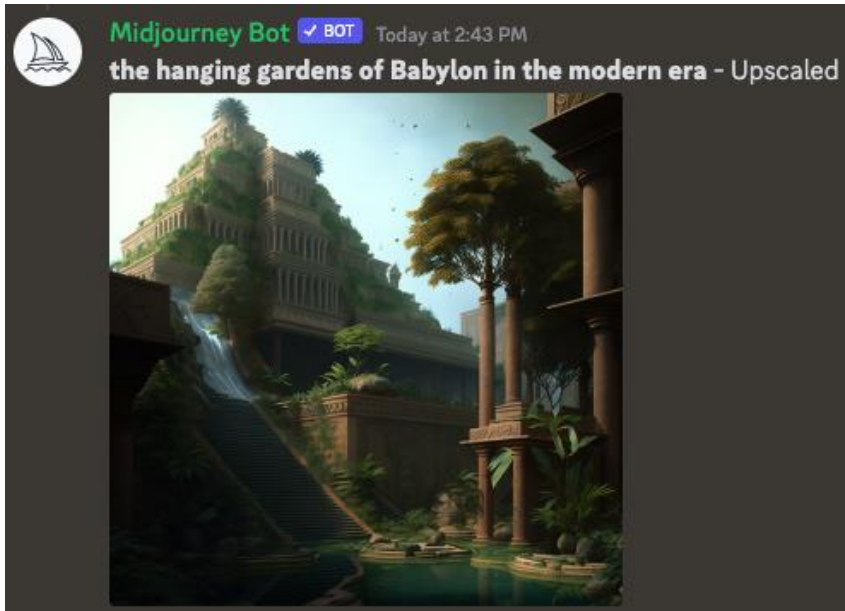
/imagine prompt the hanging gardens of Babylon in the modern era

Once the grid of photos has been created, two rows of buttons are then presented. Let's try these buttons!

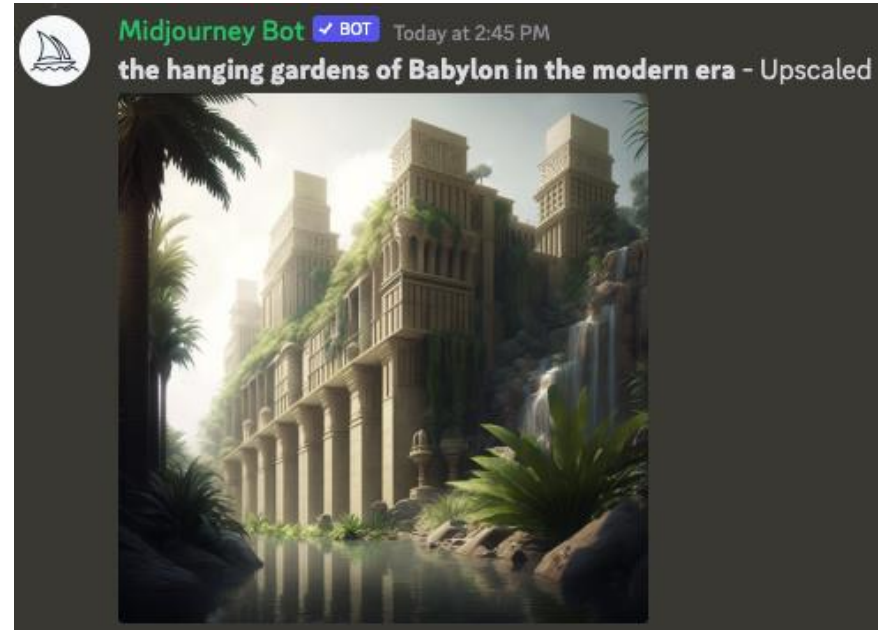
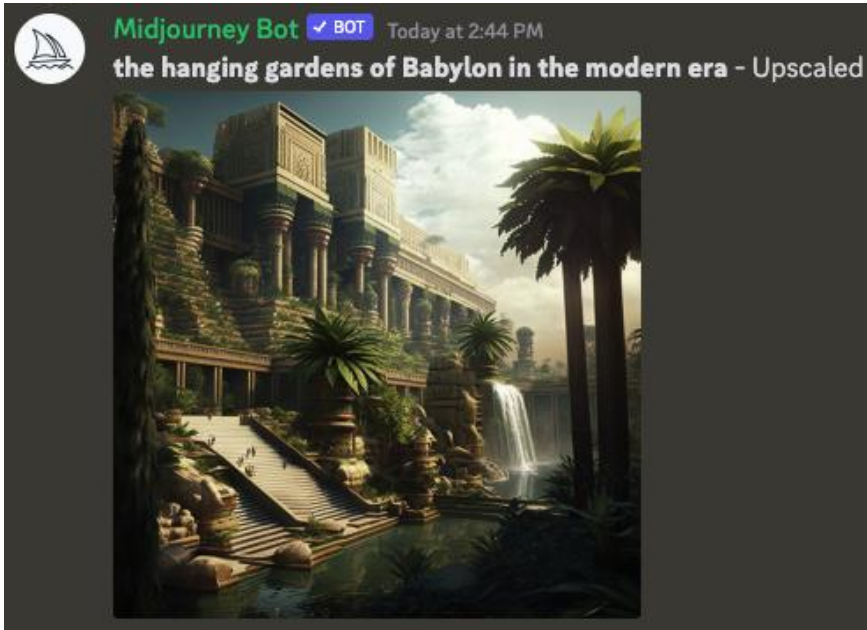




The 'U' buttons can be used to bring an image to the next level, amplifying it to a larger size and sharpening its details.

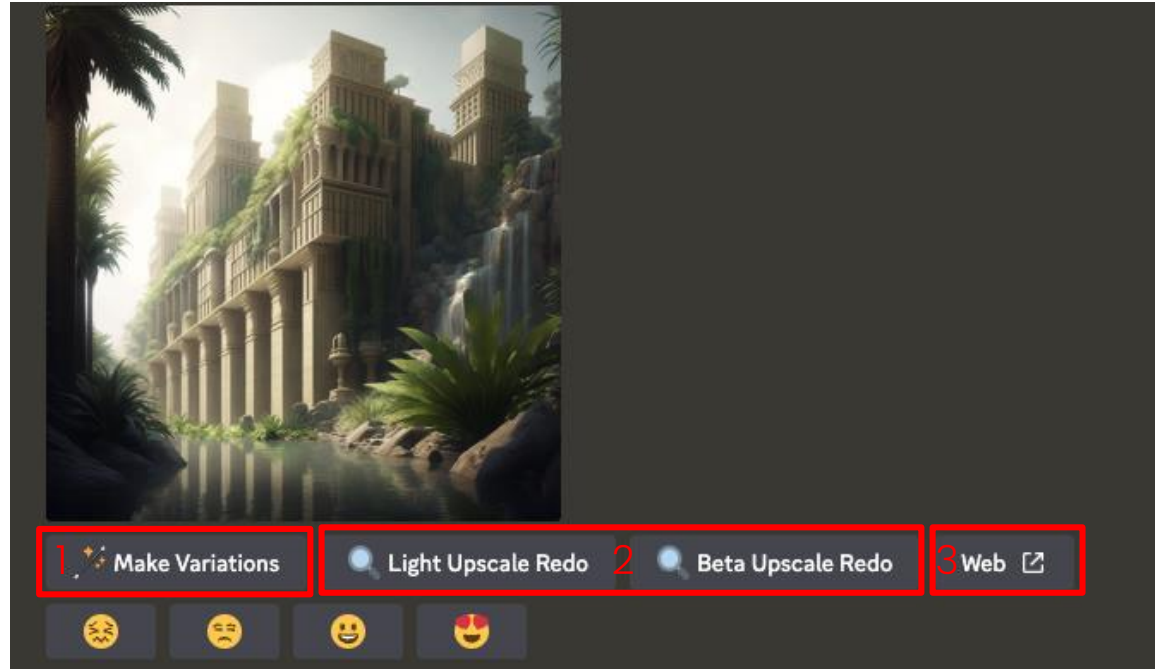


Upscaled images



Upscaled images

1. You can **make new variations** of that single image, producing a new grid of four options.
2. You can also **redo the upscale** base on Midjourney's [upscaler model](#).
3. You can view the upscaled image in **your gallery on Midjourney.com** if you click the 'Web' button.



the hanging gardens of Babylon in the modern era -



U1

U2

U3

U4



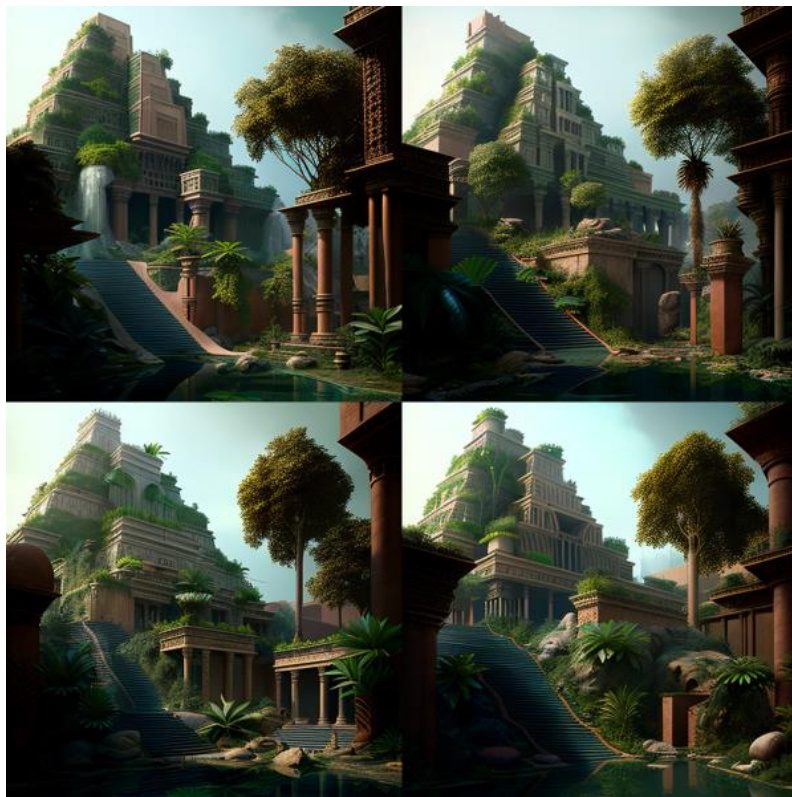
V1

V2

V3

V4

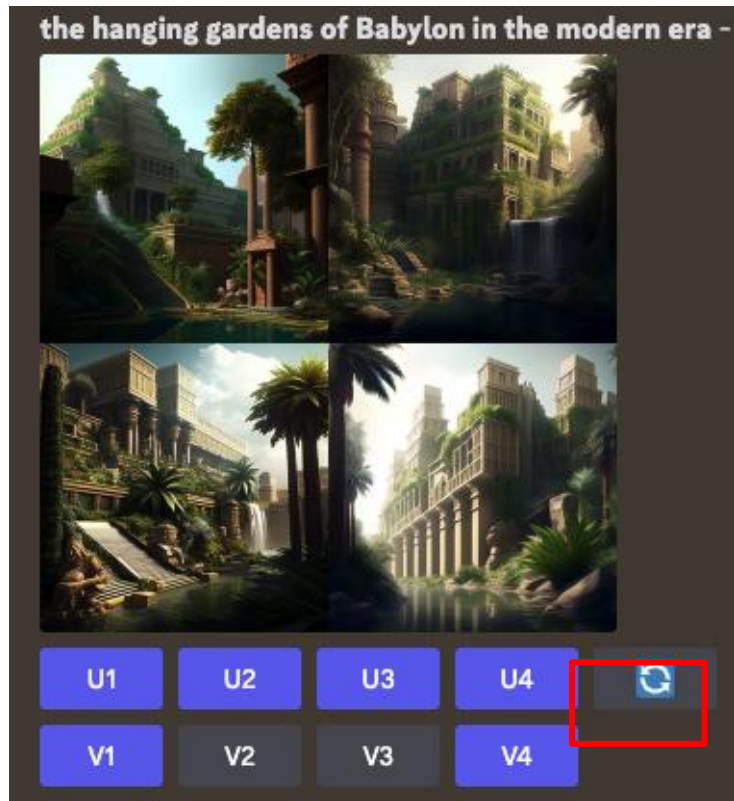
The 'V' buttons will give you slight modifications to the selected image grid. By doing so, you can come up with a fresh image with a similar aesthetic and arrangement to the one chosen.



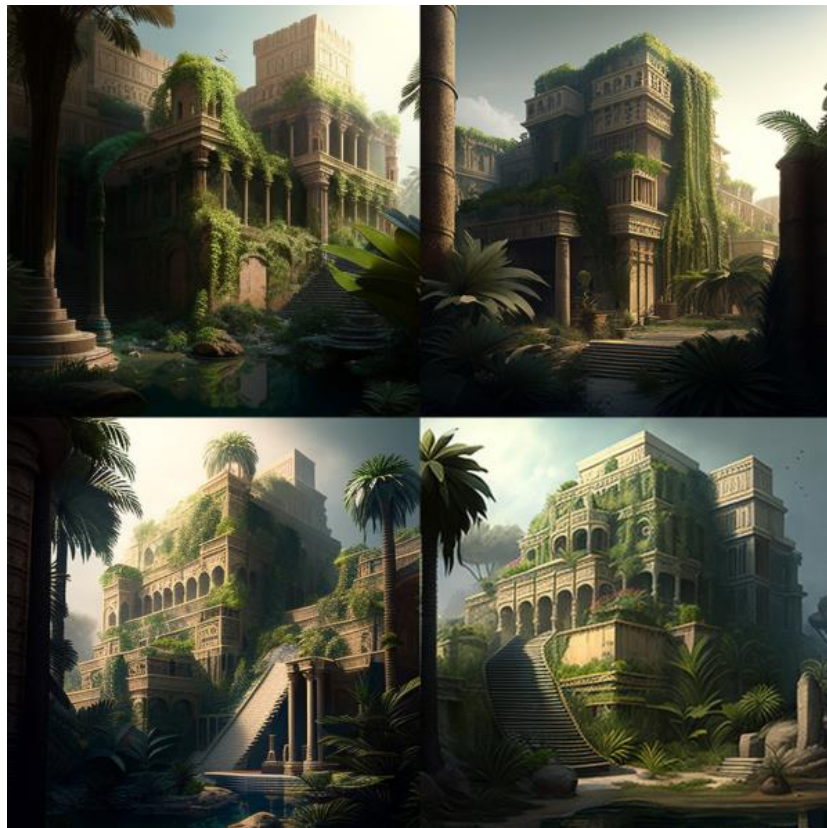
New image variations (V1)



New image variations (V4)



A re-roll replicates the Job, thus yielding a freshly generated arrangement of pictures.

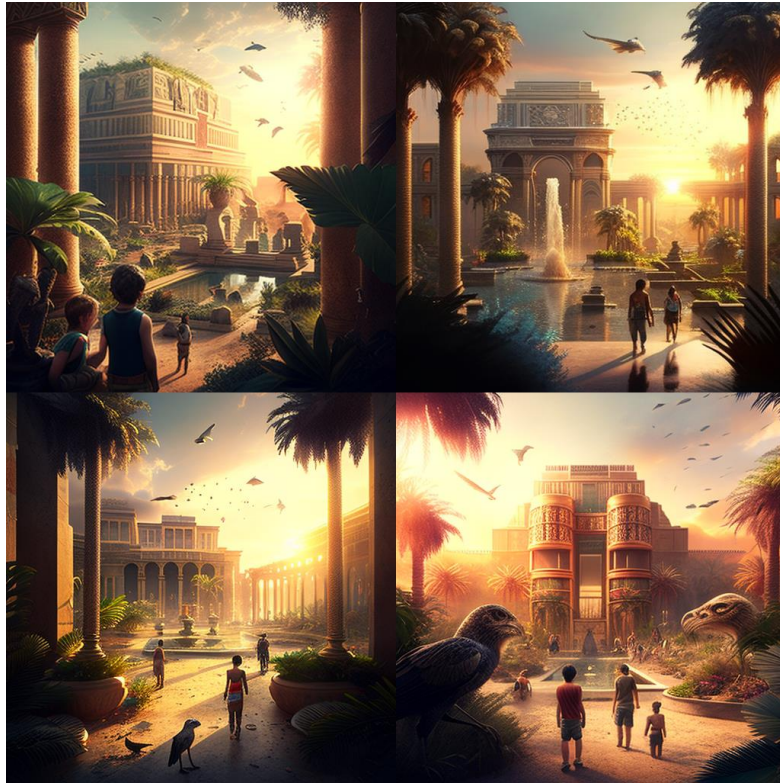


Newly generated image grid from re-roll

More text-to-art prompt examples!



/imagine prompt the hanging gardens of babylon in the modern era, childrens book



/imagine prompt **the hanging gardens of babylon in the modern era with birds flying in the distance and kids playing around. the sun is setting in a developed world where residential and commercial establishments have been built around the legendary wonder of the world**



/imagine prompt **an aerial view of the hanging gardens of babylon in the modern era with a pinkish background**



/imagine prompt **3D image of the hanging gardens of babylon in a white background**



/imagine prompt **framed chinese watercolor painting of the hanging gardens of babylon, hanging above a small brown coffee table in a room with Hellenic designs**

How about a very long and complicated prompt?

/imagine prompt Create an AI-generated artwork that depicts the **hanging gardens of babylon in a minimal style**. The focus of the artwork should be on the structure and design of the structure, with an **emphasis on the clean lines and geometric shapes** of the building. The minimalist style should be reflected in the use of **limited color palette**, with **neutral tones** dominating the scene. The artwork should **make use of light and shadow to create depth and contrast, highlighting the unique architectural features** of the hanging gardens. The **overall mood should be utopian and vintage**, capturing the functionality and purpose of the structure. The artwork should invite the viewer to appreciate the **beauty in the simplicity of the structure's design**, while also highlighting the importance of the movements that takes place within its walls. By capturing the essence of the hanging gardens of babylon in a minimalist style, **the artwork should evoke a sense of efficiency and precision**, reflecting the complex and interconnected systems that drive the neo-Babylon era.

- ❑ hanging gardens of babylon in a minimal style
- ❑ emphasis on the clean lines and geometric shapes
- ❑ limited color palette
- ❑ neutral tones
- ❑ make use of light and shadow to create depth and contrast
- ❑ highlighting the unique architectural features
- ❑ overall mood should be utopian and vintage
- ❑ beauty in the simplicity of the structure's design
- ❑ the artwork should evoke a sense of efficiency and precision



Now, where do the photos go?

- You can save the images from the Discord server. To **open the image to its full size**, click on it. Once you've done that, **right-click and select 'Save image.'** If you're using mobile, long tap the image and then tap the download icon located in the top right corner.
- But instead of scrolling up and down the Discord server to view the images you generated through the Midjourney Bot, you can sign in with Discord and go through the **midjourney.com/app**.

Look at my Midjourney gallery!



Advantages & Disadvantages of AI-Generated Arts

Advantages

- more accurate than manually created arts
- much faster and more efficient than manually-created arts
- arts can have a wide range of effects

Disadvantages

- arts can be difficult to generate
- arts may not always look realistic
- arts can be difficult to control

Implications of AI for the future of art creation

- Leading to a more efficient and cost-effective production process
- Leading to an entirely new form of creativity
- Providing a level of accuracy and detail that is impossible with human-created arts

Alternatives to Midjourney:

1. DALL-E 2 from openai.com
2. YOUIMAGINE from you.com
3. New Bing using its new feature Image Creator

Thank You