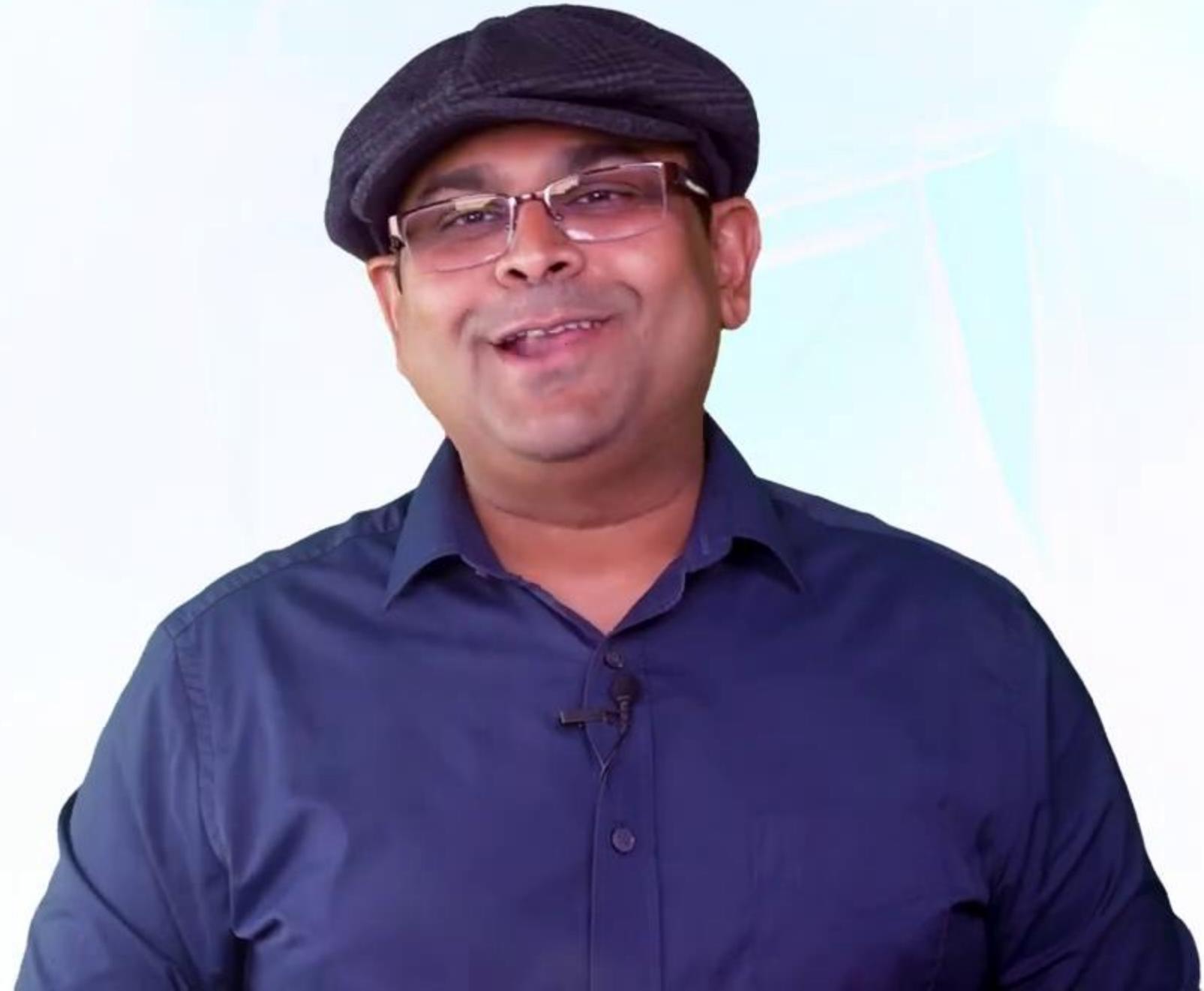
The background of the image is a vibrant, abstract design. It features a grid of colored squares in various hues including blue, green, red, orange, and yellow. Overlaid on this grid are several blurred, streaky lines in shades of purple, blue, and green, creating a sense of motion and depth.

Introduction to Stable Diffusion





**STABLE
DIFFUSION**





**STABLE
DIFFUSION**





2022

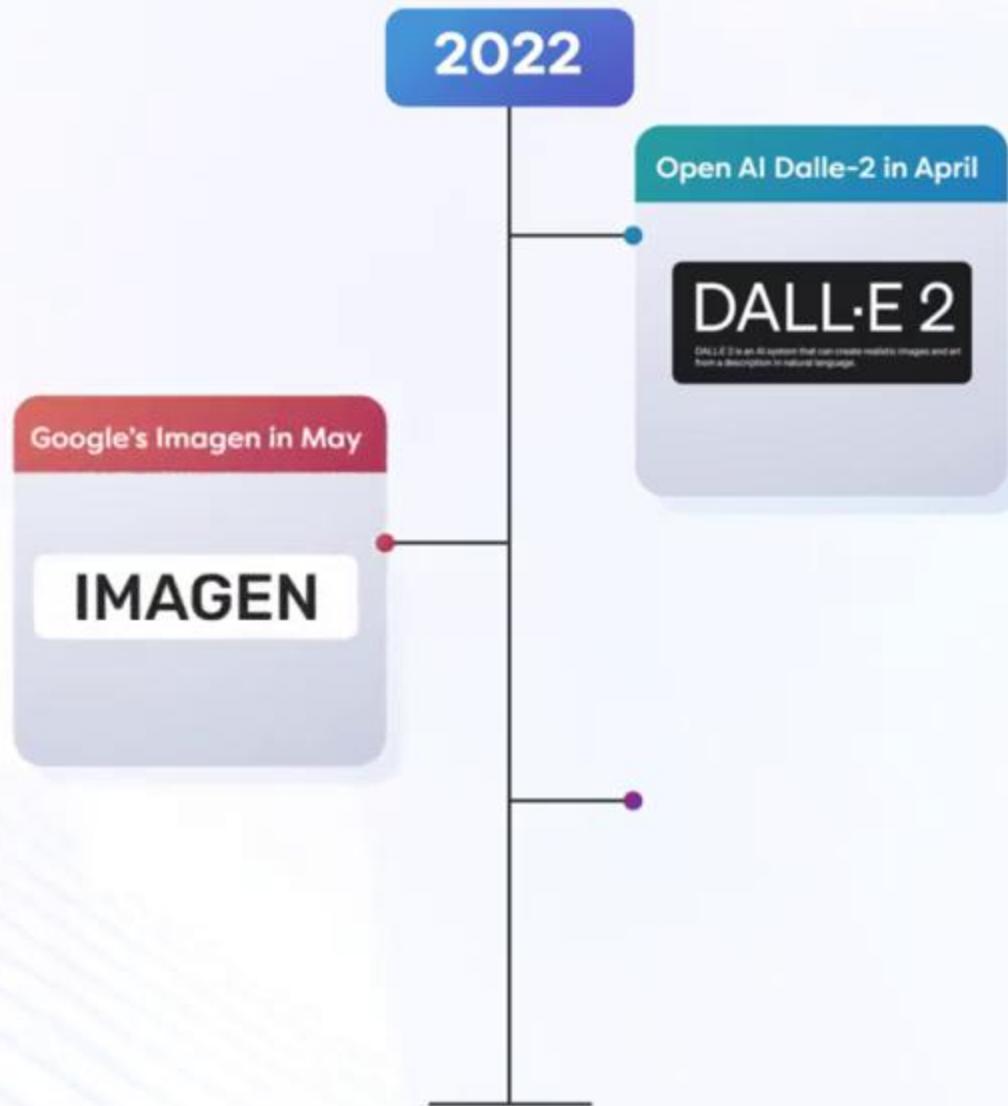


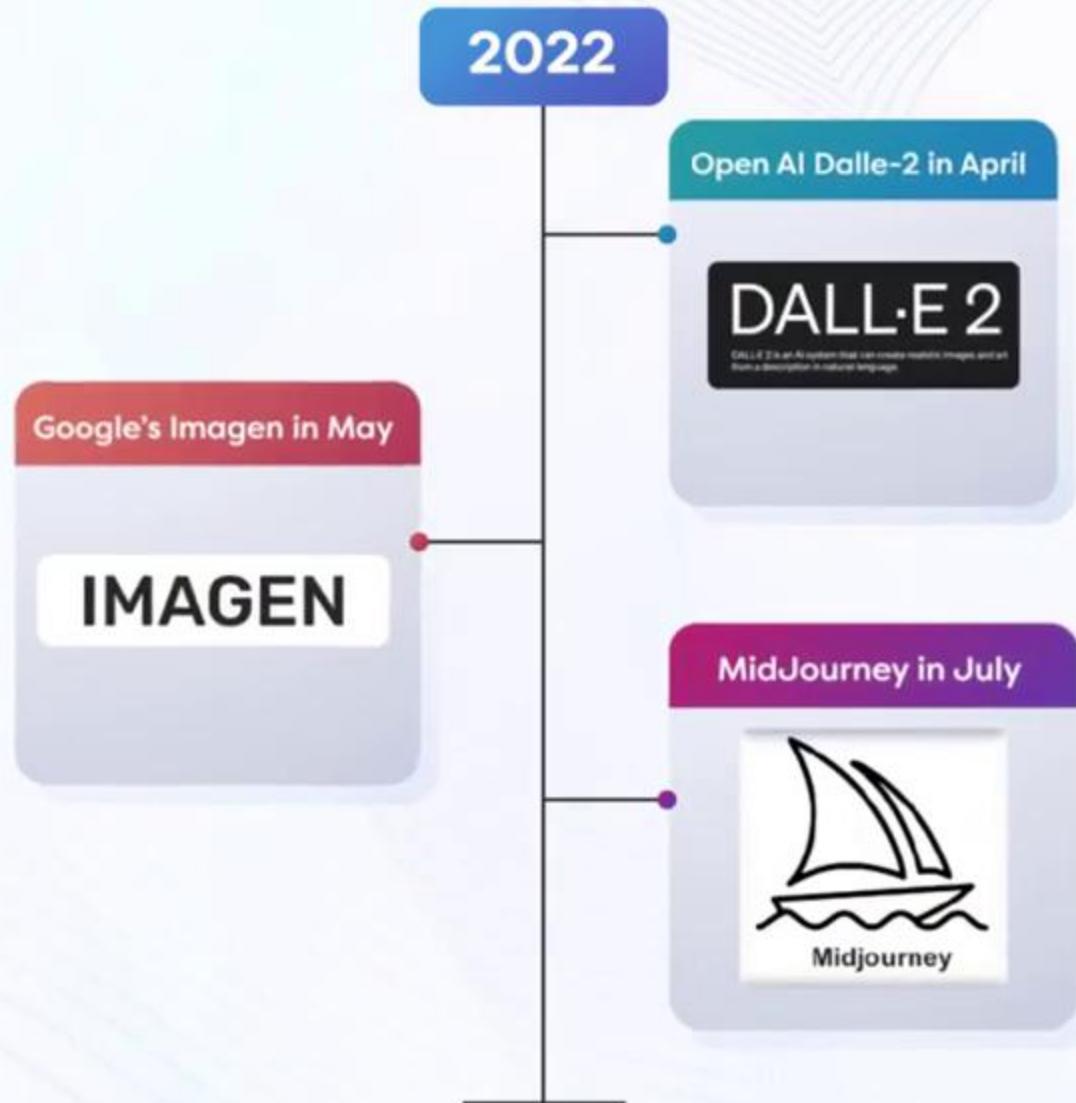


2022











Generate Images using these



Open AI Dalle-2
in April



Google's Imagen
in May



MidJourney
in July





Generate Images using these services



Open AI Dalle-2
in April



Google's Imagen
in May



MidJourney
in July







Stable Diffusion Developer Adoption



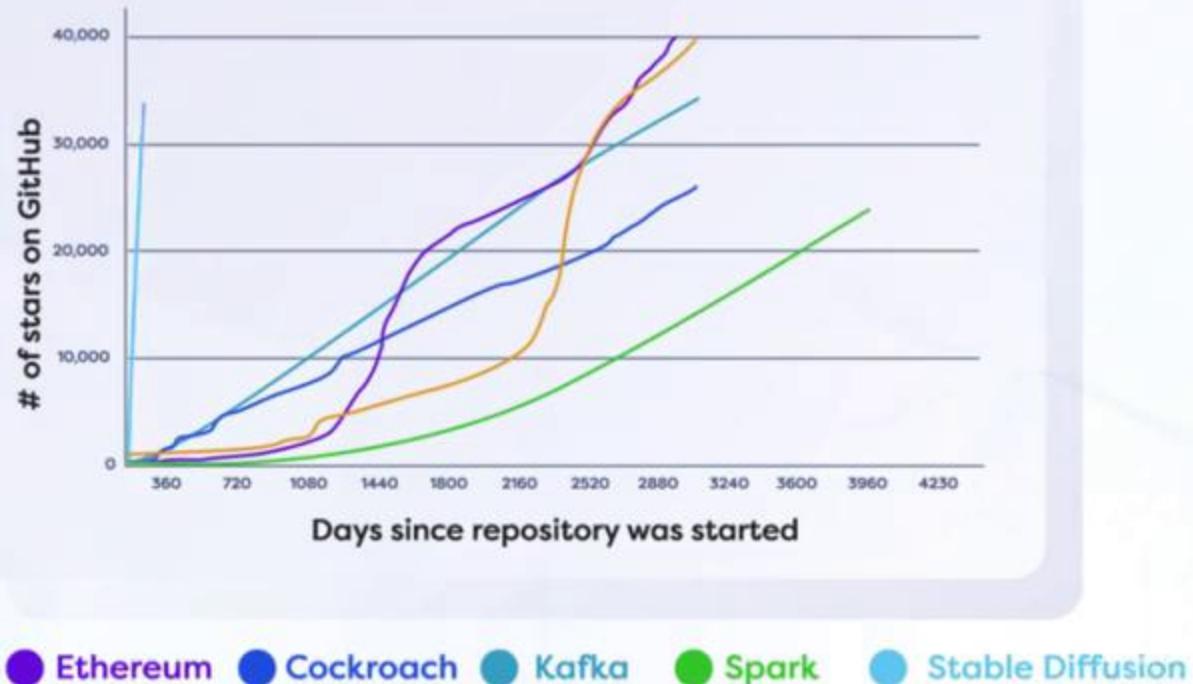
Bitcoin

Ethereum





Stable Diffusion Developer Adoption

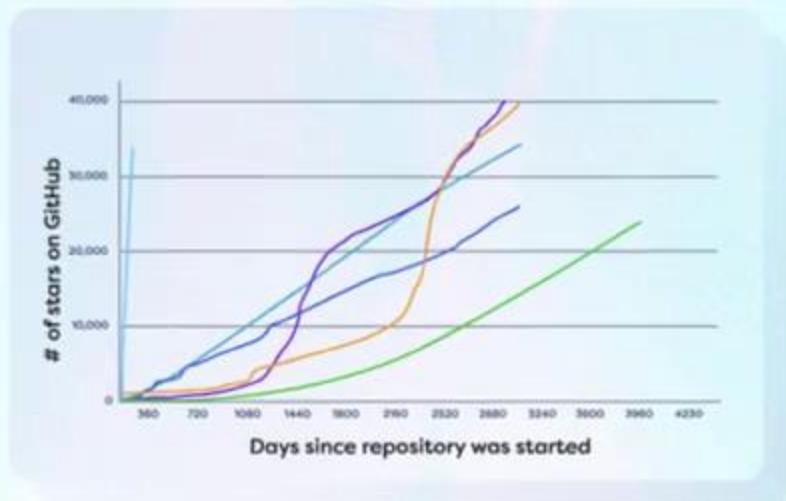


● Bitcoin ● Ethereum ● Cockroach ● Kafka ● Spark ● Stable Diffusion

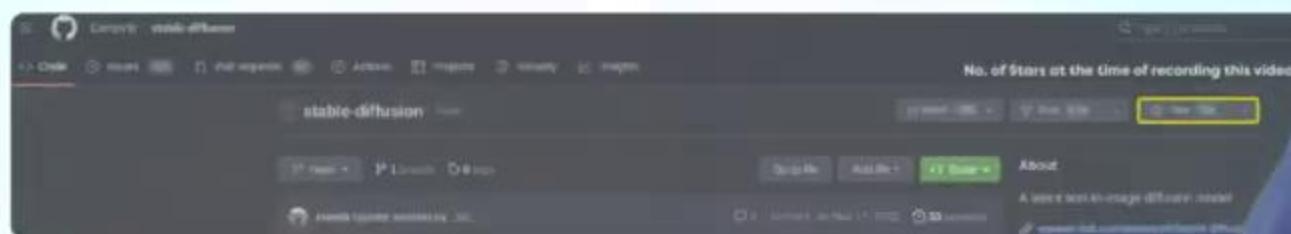




Stable Diffusion Developer Adoption

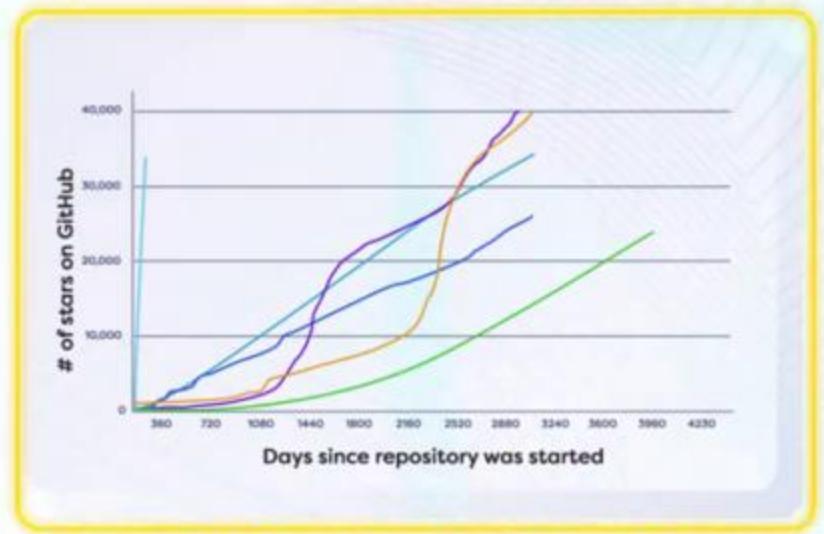


Bitcoin Ethereum Cockroach Kafka Spark Stable Diffusion

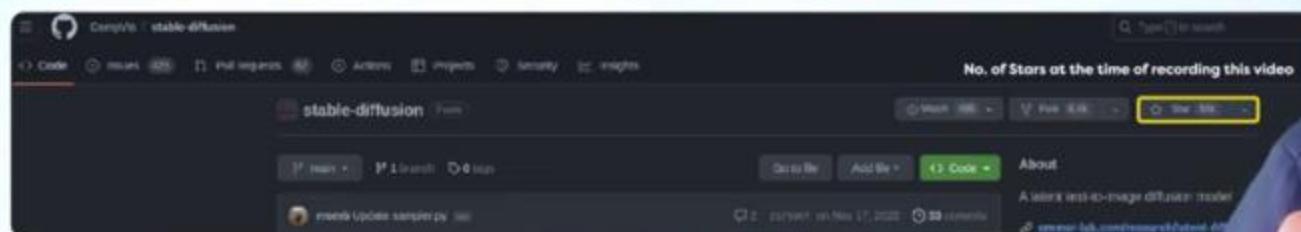




Stable Diffusion Developer Adoption



Bitcoin Ethereum Cockroach Kafka Spark Stable Diffusion





**STABLE
DIFFUSION**





Latent Diffusion Model





Latent Diffusion Model





Latent Diffusion Model







Prof. Dr. Björn Ommer





Prof. Dr. Björn Ommer





Patrick Esser

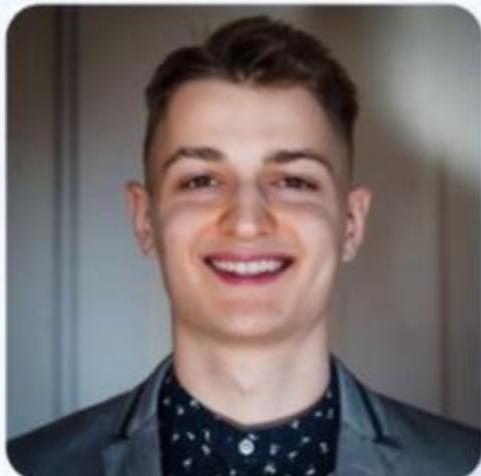




Patrick Esser
(RunwayML)



Robin Rombach
(StabilityAI)



LAION 



EleutherAI





The model has 3 superpowers:





The model has 3 superpowers:

- ◆ It is Open-source
- ◆ [Redacted]





The model has 3 superpowers:

- ◆ It is Open-source
- ◆ It is fast
- ◆ capable of running on Consumer GPUs





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The model has 3 superpowers:

It is capable of running on Consumer GPUs





\$600,000





\$600,000





\$600,000



stability.ai





Emad Moustaque





Emad Moustaque



catalyst in the





Emad Moustaque



Computer Science
graduate

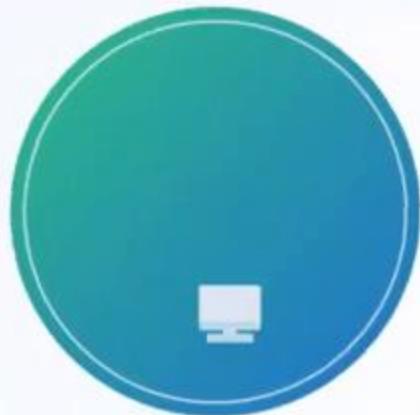




Emad Moustaque



Computer Science
graduate





Emad Moustaque



Portfolio





Emad Moustaque



Portfolio

- ◆ AI
- ◆ Video games Industry





Emad Moustaque



We are proud to be part of the [@caiac19org](#) alliance announced today by [@thefuturesoc](#), [@StanfordHAI](#), [@UNGlobalPulse](#), [@UNESCO](#) and [@PJMFnD](#) to structure and action expanding global data for the world's decision makers. [#CAIAC19](#)

10:33 AM · Jul 10, 2020



Emad Moustaque

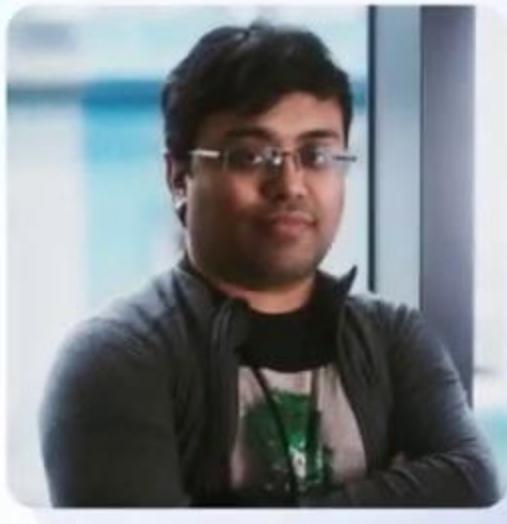


We are proud to be part of the [@caiac19org](#) alliance announced today by [@thefuturesoc](#), [@StanfordHAI](#), [@UNGlobalPulse](#), [@UNESCO](#) and [@PJMFnD](#) to structure and action expanding global data for the world's decision makers. [#CAIAC19](#)

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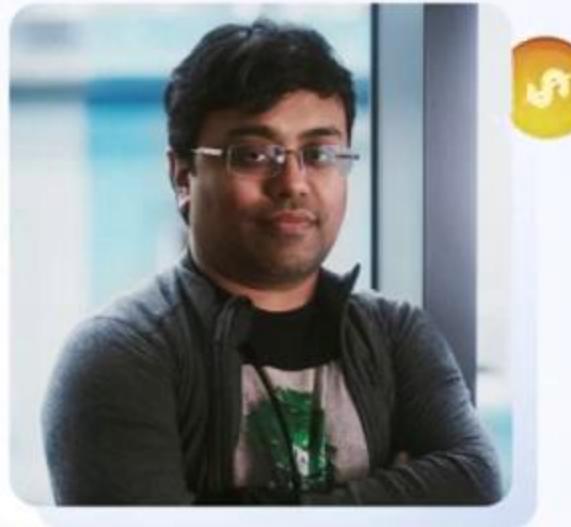


AI





Emad Moustaque





Emad Moustaque



Generative AI Models





2022

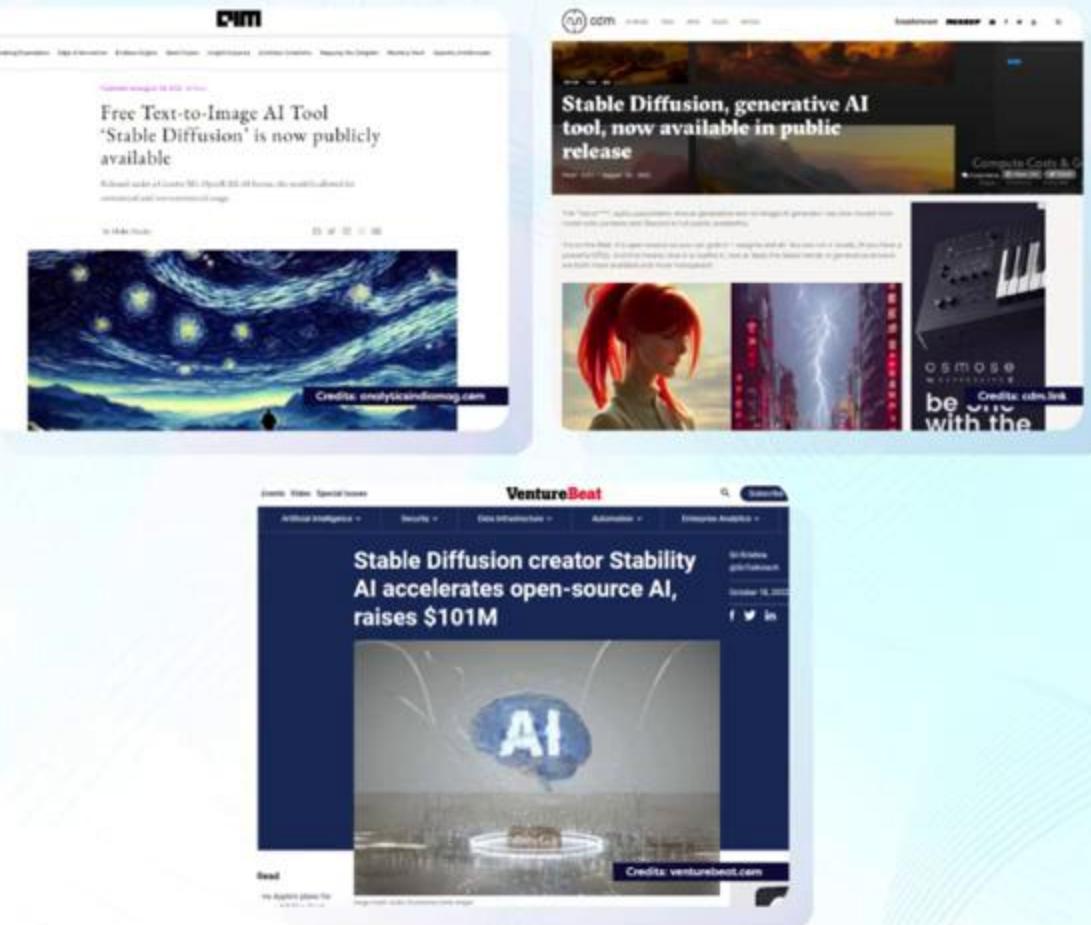




**STABLE
DIFFUSION**







August 2022





AI startup Stability AI raises \$101M in new funding

American intelligence startup Stability AI has received a \$101 million funding round led by Canadian investment firm Northzone, and US venture firm Venrock.

The London-based startup announced the investment earlier this month. It's now valued at \$1 billion.

Stability AI is the developer of Stable Diffusion, an open-source neural network that can generate images based on text prompts from users. The startup released the code for Stable Diffusion in August. Since then, Stability AI says, the neural network has been downloaded by more than 300,000 developers.

Credit: siliconangle.com

Stability AI, the startup behind Stable Diffusion, raises \$101M

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Twitter's New CEO & Twitter's New Deal

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Cloud native apps: Automating your infrastructure

Cloud native apps: Automating your infrastructure

Cloud native apps: Automating your infrastructure

Credit: siliconangle.com

Credit: techcrunch.com

Stability AI Raises Seed Round at \$1 Billion Value

Technology Deals

Stability AI

By Moregi Patunde and Crystal Tsai | [View Profile](#) | [Edit Profile](#) | [Follow](#) | [Followers](#) | [Followers](#) | [Followers](#)

October 17, 2022 at 7:59 PM GMT+5:30 Updated on November 17, 2022 at 10:20 PM GMT+5:30

Credit: [www.bloomberg.com](#)





AI startup Stability AI raises \$101M in new funding

Artificial intelligence startup Stability AI Ltd. has received a \$101 million funding round led by Canadian investment firm Northzone, and US hedge fund Venrock.

The London-based startup announced the investment today. According to Bloomberg, it's now valued at \$1 billion.

Stability AI is the developer of Stable Diffusion, an open-source neural network that can generate images based on text prompts from users. The startup released the code for Stable Diffusion in August. Since then, Stability AI says, the neural network has been downloaded by more than 200,000 developers.

Credits: siliconangle.com

Stability AI, the startup behind Stable Diffusion, raises \$101M

Kyle Wiggers (gizmo_k, original) 11.21.2022 10:30 AM ET 11.21.2022 10:30 AM ET

LATEST FROM TECHCRUNCH

Managing the increasing complexity of operations, AI and machine learning have become crucial assets.

Cloud vendor spotlights: Redefining customer communication with AI.

Cloud vendor spotlights: Redefining customer communication with AI.

Credit: techcrunch.com

Bloomberg

Technology Deals

Stability AI Raises Seed Round at \$1 Billion Value

Stability AI

By Moreji Fatunde and Crystal Tsai

October 17, 2022 at 2:59 PM GMT+3:30 Updated on October 17, 2022 at 10:30 PM GMT+3:30

Credits: www.bloomberg.com







New Text-to-Image Diffusion Models

The Stable Diffusion 2.0 release includes robust text-to-image models trained using a brand new text encoder (OpenCLIP), developed by LAION with support from Stability AI, which greatly improves the quality of the generated images compared to earlier V1 releases. The text-to-image models in this release can generate images with default resolutions of both 512x512 pixels and 768x768 pixels.

These models are trained on an aesthetic subset of the [LAION-5B](#) dataset created by the DeepFloyd team at Stability AI, which is then further filtered to remove adult content using LAION's [NSFW](#) filter.



Examples of images produced using Stable Diffusion 2.0, at 768x768 image resolution.





New Text-to-Image Models

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Examples of images produced using Stable Diffusion 2.0, at 768x768 image resolution.





NSFW
Filtered Data











NSFW
Filtered Data









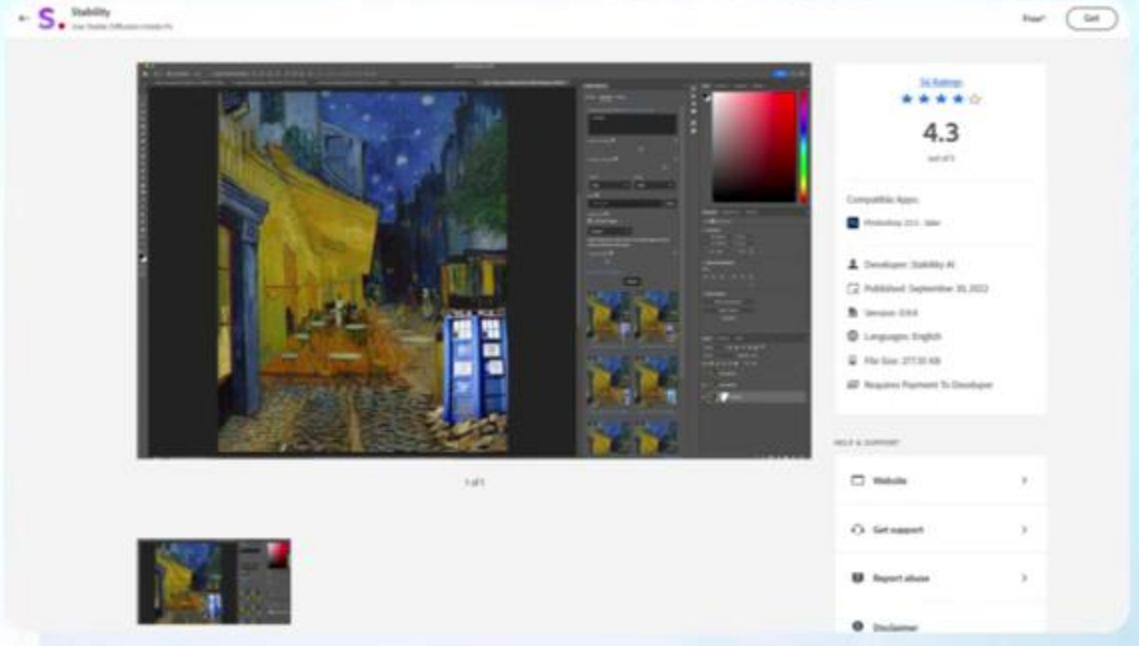
ISFW
red Data





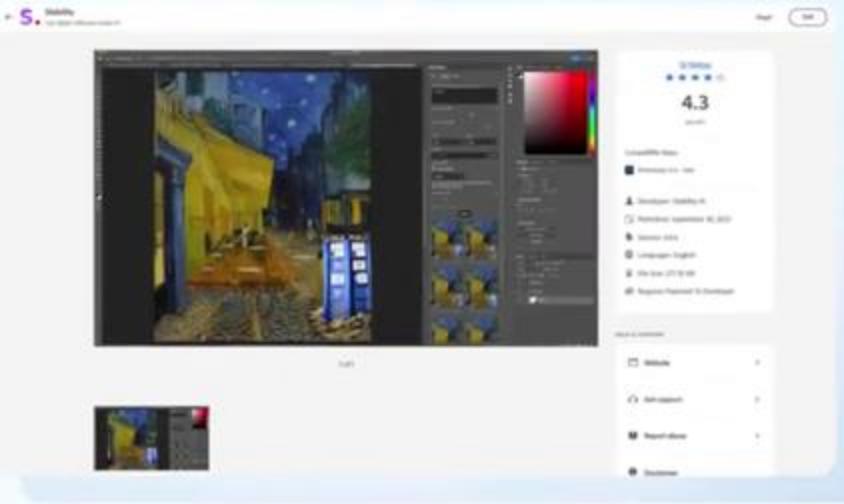
Stable Diffusion 2.1 Generations





Photoshop Plugins in September 2022





Photoshop Plugins in September 2022

By AI Render in Stable Diffusion

[Read](#) [API](#) [Documentation](#) [Reviews](#)



AI Render
Stable Diffusion in Blender

[Video Demo](#)

AI Render - Stable Diffusion in Blender

Contribute to this plugin

- \$0 Give it for free (no goal)
- \$2 Support future development
- \$5 Support future development
- \$10 Support future development

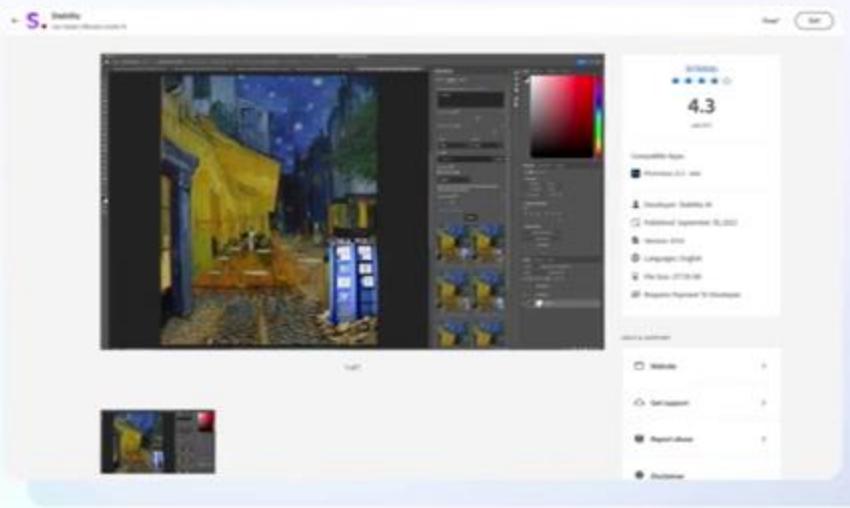
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AI Render
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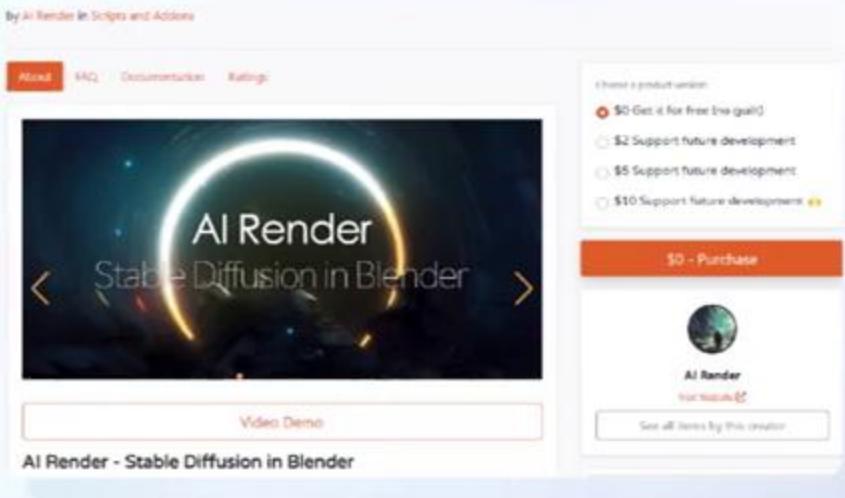
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Blender Plugins in March 2023





Photoshop Plugins in September 2022



Blender Plugins in March 2023





April 2023

stability.ai





April 2023

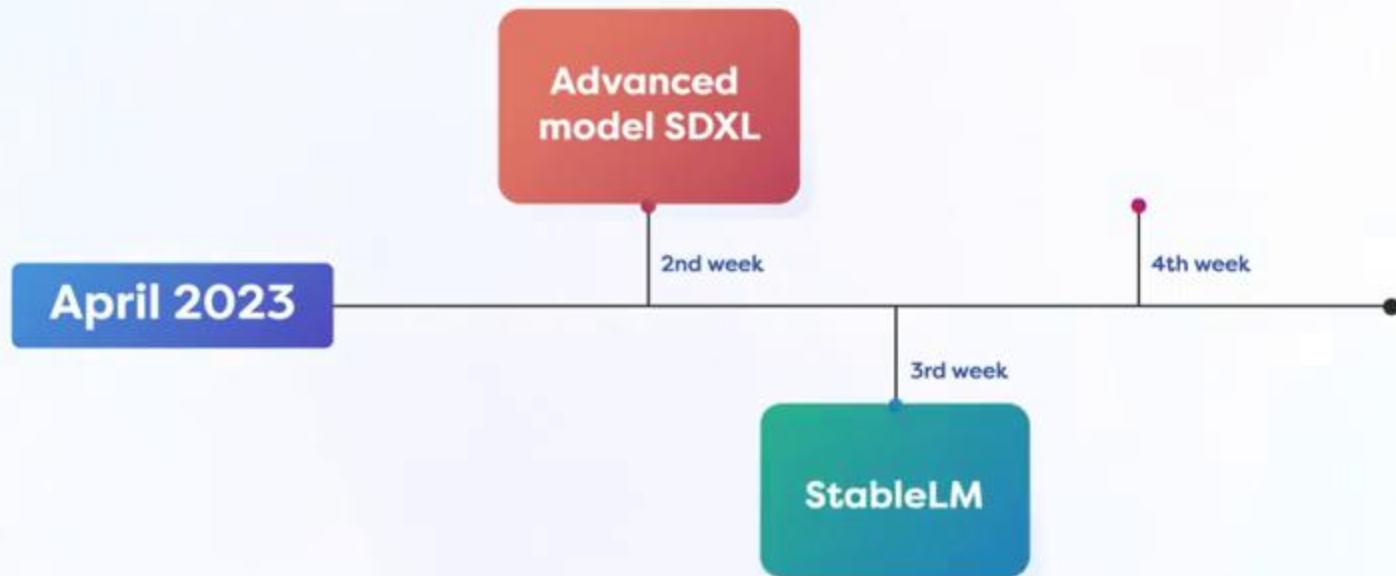


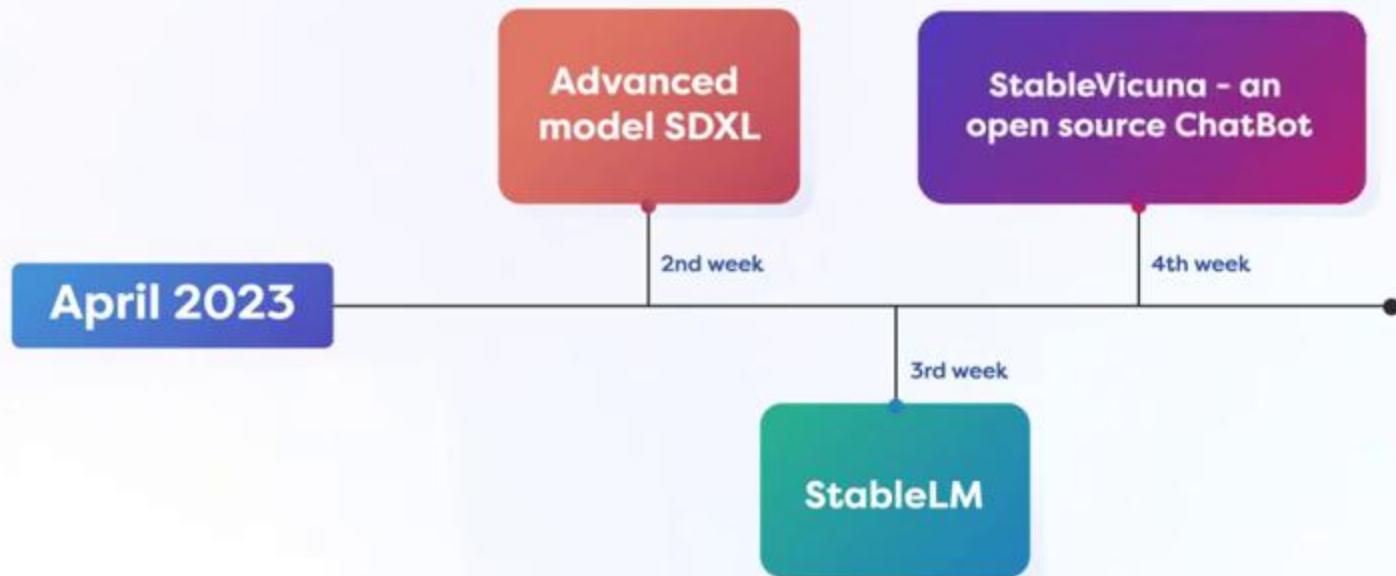


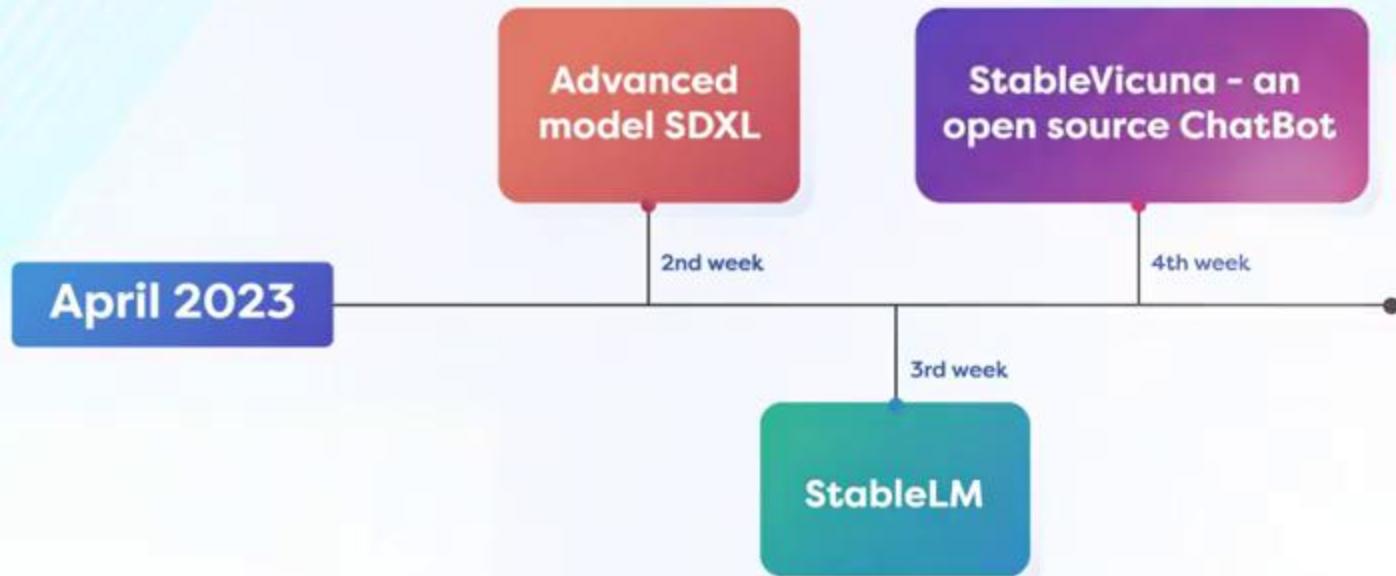


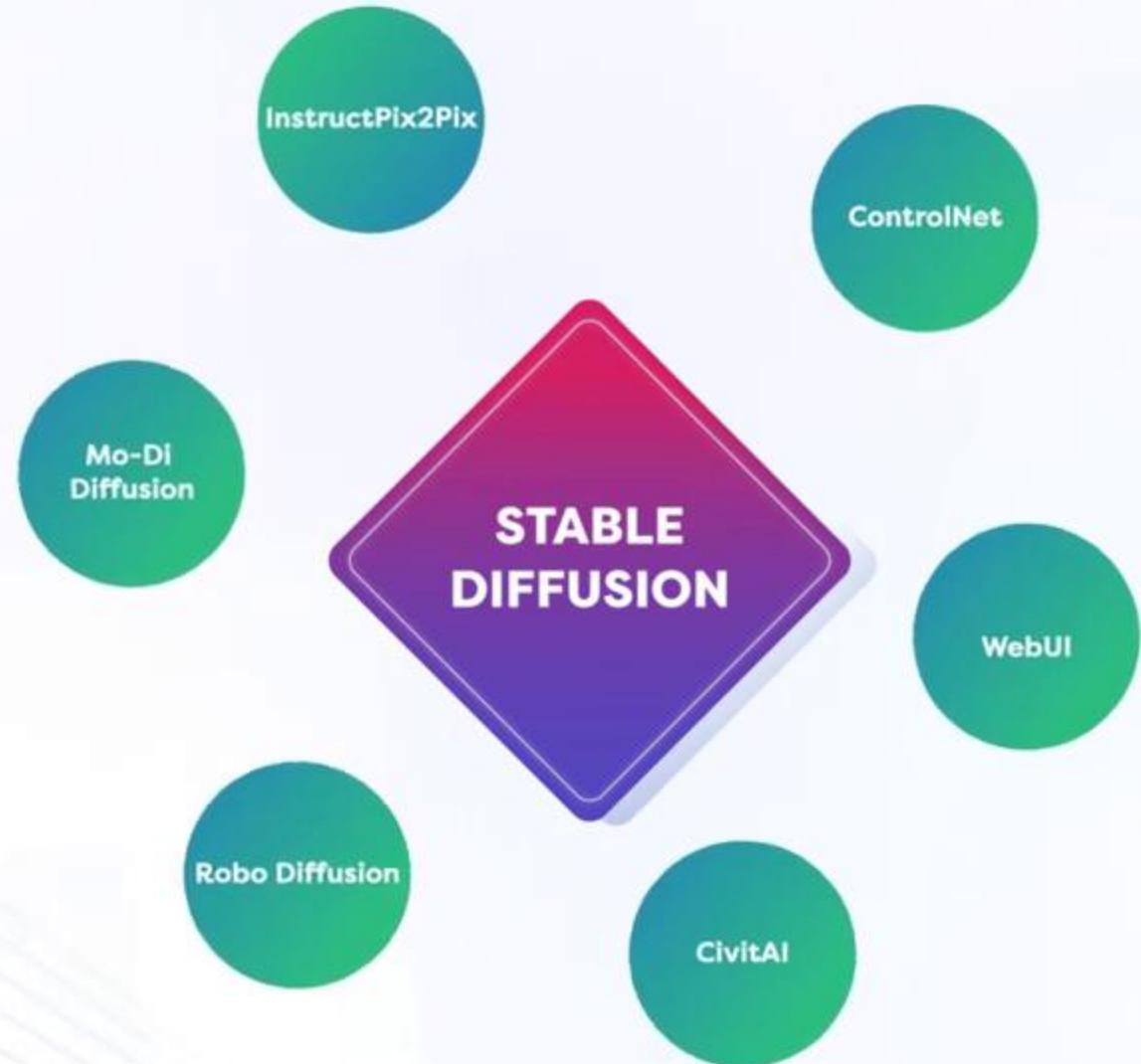














InstructPix2Pix

Mo-Di
Diffusion

ControlNet

**STABLE
DIFFUSION**

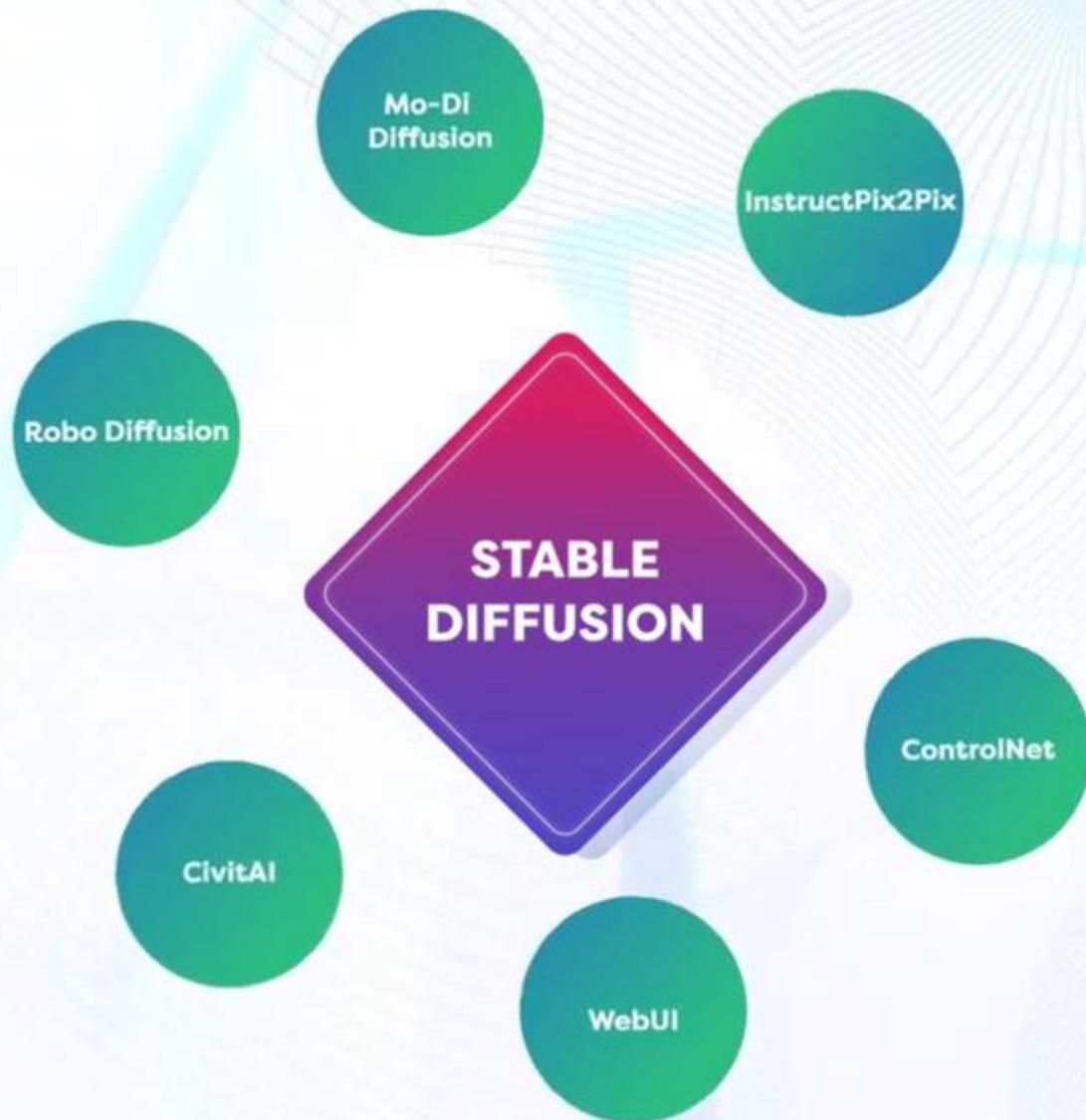
Robo Diffusion

WebUI

CivitAI









STABLE DIFFUSION

Robo Diffusion

Mo-Di
Diffusion

InstructPix2Pix

CivitAI

WebUI

ControlNet

















