

The background is a dark, textured space filled with numerous thin, glowing lines in shades of blue, purple, and pink. These lines radiate from the center, creating a sense of depth and movement. In the corners, there are stylized circular elements: a dashed white circle with a solid cyan arc in the top right, and a similar dashed white circle with a solid cyan arc in the bottom left. A solid cyan line with a dot at its end extends from the top left towards the center, and another solid cyan line with a dot at its end extends from the bottom right towards the center.

TECHNOFORGE AUTOMOTIVE

Rev up your creativity with the unstoppable combo of
stable diffusion and GPT in your favorite car design tool!

THE TEAM

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THE SOLUTION

TECHNOFORGE AUTOMOTIVE DESIGNING CARS IS POWERED BY TWO KEY TECHNOLOGIES: STABLE DIFFUSION, GPT AND SEGMENT ANYTHING. THESE TECHNOLOGIES WORK IN TANDEM TO CREATE A POWERFUL AND EFFICIENT PLATFORM FOR DESIGNING CARS.

STABLE DIFFUSION IS A CUTTING-EDGE TECHNOLOGY IS THE OPEN-SOURCE STATE-OF-THE-ART TEXT-TO-IMAGE MODEL FOR CREATING GENERATED ART USING NATURAL LANGUAGE. GPT, ON THE OTHER HAND, IS A NATURAL LANGUAGE PROCESSING TECHNOLOGY THAT ENABLES OUR TOOL TO UNDERSTAND AND INTERPRET USER INPUTS, MAKING IT EASIER FOR DESIGNERS TO COMMUNICATE THEIR IDEAS. SEGMENT ANYTHING IS A NEW TASK, MODEL, AND DATASET FOR IMAGE SEGMENTATION

BY USING STABLE DIFFUSION AND GPT, OUR CAR DESIGNING TOOL CAN HELP DESIGNERS CREATE INNOVATIVE AND UNIQUE CAR DESIGNS THAT ARE OPTIMIZED FOR PERFORMANCE AND EFFICIENCY.



DEMO OF THE APP

Generte Prompt

Type of car (eg: SUV, Sedan)

suv

Car color

red

Roof Type (eg: Sunroof, foldable roof)

sunroof

Generate Prompt

Use this Prompt

This realistic image of an automobile depicts a red colored SUV with a sunroof. The vehicle has a sleek and modern design, with a bold red paint job that stands out. The sunroof adds a touch of luxury, allowing natural light to fill the cabin. The SUV has a muscular stance, with a wide grille and large alloy wheels. It looks ready to take on any terrain with ease.

Use this text as next

[HTTPS://HUGGINGFACE.CO/SPACES/ENIGMAOFTHEWORLD/TECHNOFORGE_AUTOMOTIVE](https://huggingface.co/spaces/enigmaoftheworld/technoforge_automotive)

DEMO OF THE APP

Prompt for Text


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Guidance Model

ViT-L-14--laion400m_e32

Transform

Image



Cfg Scale

7

Engine

stable-diffusion-xl-beta-v2-2-2

Use this Image as next

https://huggingface.co/spaces/enigmaoftheworld/technoforge_automotive


DEMO OF THE APP


Positive Prompt

a green futuristic car with foldable roof, futuristic back ground

Negative Prompt

Image





Inference Steps

322

Scheduler

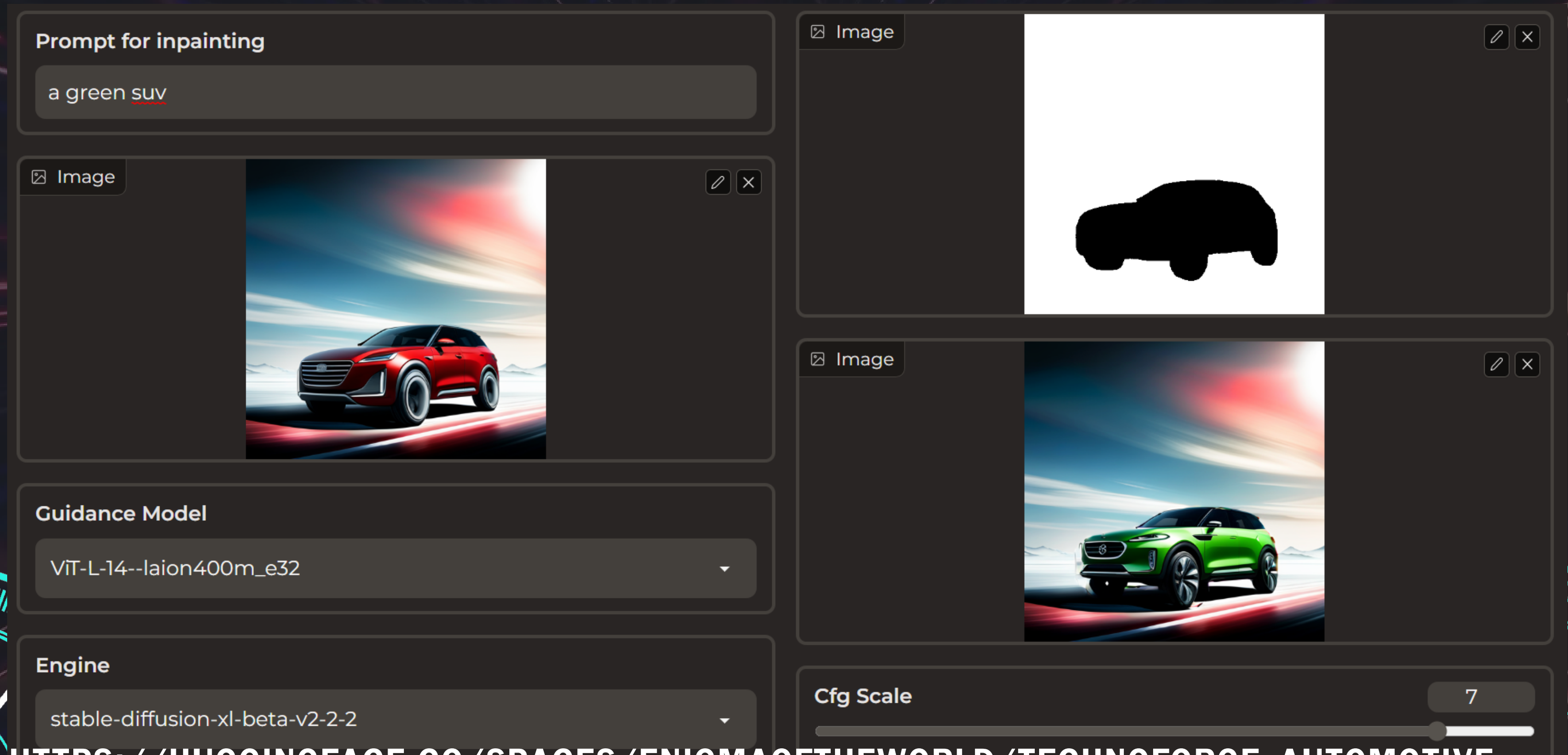
DPMSolverMultistep

Transform

https://huggingface.co/spaces/enigmaoftheworld/technoforge_automotive

DEMO OF THE APP

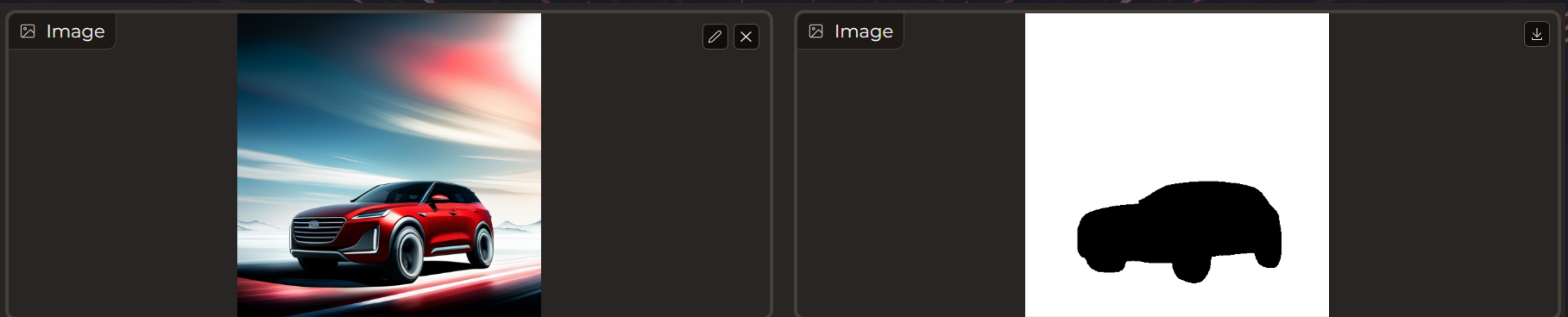
REPAIRING OLD CAR IMAGES, GENERATING MULTIPLE CAR COLOR OPTIONS, CREATING VIRTUAL PROTOTYPES, AND ENHANCING MARKETING MATERIAL. IT HELPS MANUFACTURERS TO RESTORE DAMAGED IMAGES AND REDUCE THE NEED FOR PHYSICAL PROTOTYPES.



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DEMO OF THE APP


BY UPLOADING AN IMAGE OF A CAR AND SELECTING IT, YOU CAN OBTAIN INFORMATION ON ITS AVAILABILITY AND PRICING.



title	price	link
Fillable SWOT analysis printable, SWOT Analysis for small business, Swot analysis ...	\$0.95	https://www.etsy.com/listing/1459917245/fillable-swot
2016-2018 Hyundai Tucson 2016-2018 Hyundai Tucson - Headlight Assembly 92104-D3400	\$1,003.44	https://parts.airhyundai.com/oem-parts/hyundai-2016
Headlamp Assembly 92102-N9150 Hyundai Tucson 2022	\$1,042.02	https://www.hyundaioempartscheap.com/oem-parts/hy
Genuine OE Hyundai Headlamp Assembly 92101-B1160	\$1,050.24	https://hyundai.worldoemparts.com/oem-parts/hyunda
Extang 85653 Xceed Tonneau Cover	\$1,069.00	https://www.ebay.com/itm/255927904171?chn=ps&mk
2021 Hyundai Tucson Headlights Pair Left And Right Led Se Sol Trims	\$1,100.00	https://www.ebay.com/itm/221262006722?chn=ps&mk

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BENEFITS OF THE SOLUTION

- **STREAMLINED DESIGN PROCESS**: THE AI-POWERED CAR DESIGNING TOOL CAN STREAMLINE THE DESIGN PROCESS, SIGNIFICANTLY REDUCING THE TIME AND RESOURCES REQUIRED TO CREATE HIGH-QUALITY DESIGNS. THIS CAN GIVE BUSINESSES A COMPETITIVE ADVANTAGE BY ALLOWING THEM TO BRING PRODUCTS TO MARKET MORE QUICKLY.
 - **ENHANCED DESIGN QUALITY**: THE TOOL CAN ENHANCE DESIGN QUALITY BY GENERATING HIGH-QUALITY IMAGES BASED ON NATURAL LANGUAGE DESCRIPTIONS. THIS CAN HELP DESIGNERS BETTER VISUALIZE THEIR IDEAS AND MAKE MORE INFORMED DESIGN DECISIONS.
 - **COST SAVINGS**: THE AI-POWERED CAR DESIGNING TOOL CAN SAVE BUSINESSES SIGNIFICANT AMOUNTS OF MONEY BY REDUCING THE NEED FOR EXPENSIVE PHYSICAL PROTOTYPES. BY GENERATING HIGH-QUALITY IMAGES BASED ON NATURAL LANGUAGE DESCRIPTIONS, BUSINESSES CAN QUICKLY ITERATE DESIGNS WITHOUT THE NEED
 - **ACCESSIBILITY**: THE TOOL IS ACCESSIBLE TO ANYONE WITH AN INTERNET CONNECTION AND BASIC COMPUTER SKILLS, MAKING IT A VALUABLE RESOURCE FOR BUSINESSES OF ALL SIZES. IT CAN ALSO BE ACCESSED FROM ANYWHERE IN THE WORLD, MAKING IT A VALUABLE TOOL FOR REMOTE TEAMS.
 - **CUSTOMIZATION**: THE GENERATED CAR DESIGNS CAN BE CUSTOMIZED TO MEET THE SPECIFIC NEEDS OF INDIVIDUAL USERS OR ORGANIZATIONS. THIS CAN HELP BUSINESSES CREATE UNIQUE AND INNOVATIVE PRODUCTS THAT STAND OUT IN THE MARKETPLACE.
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Hope you had 😊!
Share your questions
Thank You!

Feel free to connect @

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