



Generative AI Mastermind

**SCIENCE BEHIND DIFFUSION MODELS AND IMAGE, VIDEO
GENERATION & VISUAL STORYTELLING USING AI**

TASK 1

Create a Seamless Video with AI-Generated Hyper realistic Images and Voiceover

In this task, you'll use various AI tools to generate hyper realistic images, apply transitions, and edit them into a cohesive video with a voiceover. You'll integrate multiple tools like Leonardo.ai, Lumai, VN, and Eleven Labs to create a polished final product.

FOLLOW THE STEPS TO PERFORM THE ACTIVITY:**STEP 1: Generate Images using Leonardo.ai**

Open leonardo.ai and create an account or log in continue using Google. Generate 5 hyper realistic images that represent the beginning, middle, and end of a storyboard. Save these images once generated. Such as the reference below!

**STEP 2: Add Transitions with Lumai**

Open Lumai and upload the 5 images. Add smooth transitions between each image for a seamless flow. Adjust transition timings to match the desired pace of the video.



STEP 3: Edit and Merge in VN/canva

Open VN video editor OR Canva and upload the images with transitions from Lumai. Arrange the images in the correct sequence and adjust their duration. Add any final touches like filters or additional effects, then export the final video.



STEP 4: Generate Speech with Eleven Labs

Go to Eleven Labs and input a single prompt for the desired speech. Choose your preferred voice and generate the audio file. Download the speech audio and add it as a voiceover in the VN video editor. Sync the audio with the video for a cohesive presentation.



STEP 5: Final Video

Preview the final merged video in VN to ensure everything flows correctly. Export the video in the desired format.

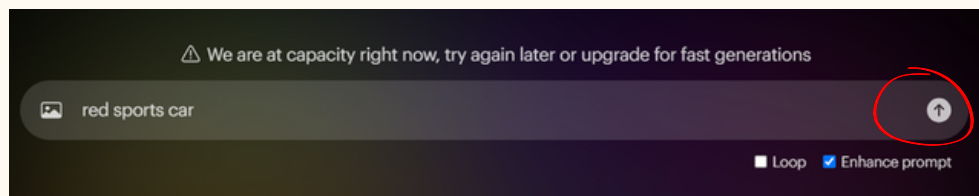
DEMO VIDEO

TOPICS TO EXPLORE

- Food and Beverage Ads
- Fashion Accessory Ads
- Ancient Architecture
- History related

TROUBLESHOOTING FOR LUMA.AI

Click repeatedly on the page if you encounter an error in any of the tools.



LINKS TO ALL TOOLS

- <https://leonardo.ai/>
- <https://lumalabs.ai/dream-machine>
- <https://elevenlabs.io/>