

AI Voice & Video models

Session 5



Can we run large language models on
our local machines? and why?



yes!



Let's Check Requirements
of installing stable diffusion

If you tried these models on your weak computer





- Colab is a service from google allows users to hire computing resources to run thier machine learning / AI models. on powerful comuters.
- Google Colab offers free plan which is sufficient for running various kinds of models.

Where to find AI models to run on google colab?




hugging face

Let's Try running SDXL 1.0 on google colab!



Illyasviel/**Fooocus**

Focus on prompting and generating




4Contributors

135Issues

42Discussions


10kStars

658Forks



Illyasviel/Fooocus: Focus on prompting and generating

Focus on prompting and generating. Contribute to Illyasviel/Fooocus development by creating an account on GitHub.

 GitHub



Let's Create a Talkable character with AI

1- Create the Script and image

AI Voice Models

Session 5



TTS (Text To Speech models)

11labs

Murf

Well said labs

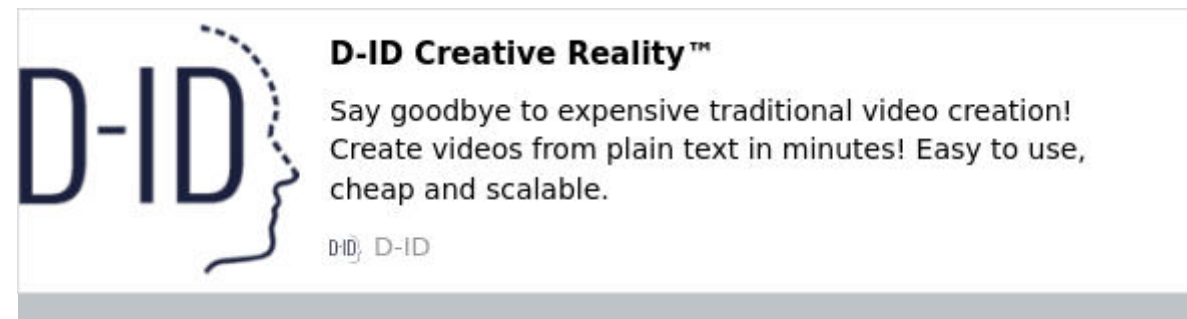
Or just search for any free TTS , there are so many..

TTS (Text To Speech models)

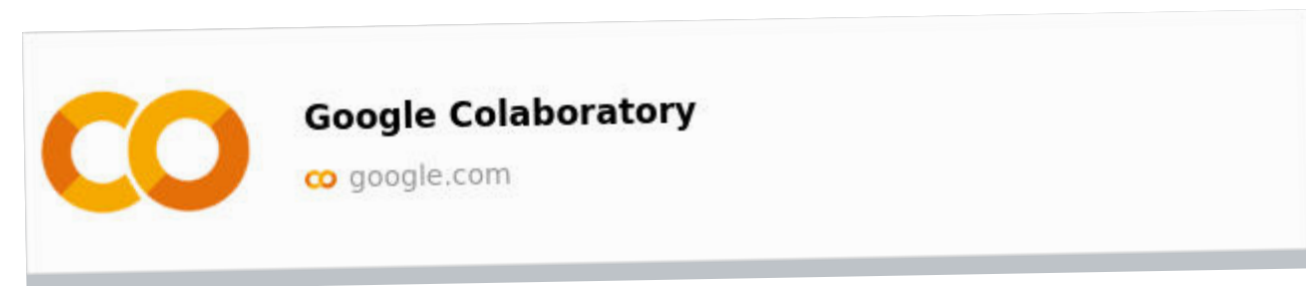
Don't Worry, you can get any
premium voice, secretly
record it
Never use it commercially!



D-ID

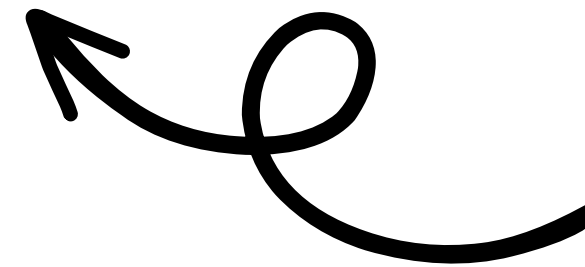


Eng: Bahaa Mohamed



What can be donw with this??

- Tutorials without appearance
- Story for kids
- Real life stories of past people
- Story with only voices and images



Your project can be any...

Cartoon animation with AI

- Free feature from Adobe Express allows you to animate characters only with audio.
- You can further go with video editing software to make it easy.



Important resources for cartoon animation

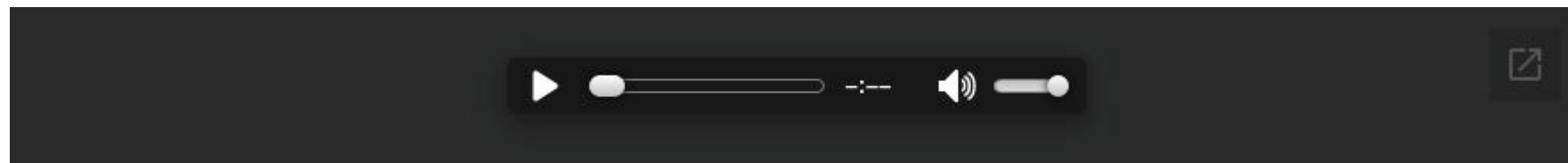


Voice Cloning



RVC Retrieval-based Voice Conversion

- it Depends on deep learning networks to change voices.
- Unlike TTS models, RVC models are capable of singing and making tunes.



Steps of cloning voices with RVC

Using already trained
models services

Join the AI Arabs Discord Server!

Check out the AI Arabs community on Discord - hang out with 23887 other members and enjoy free voice and text chat.



Create it by yourself

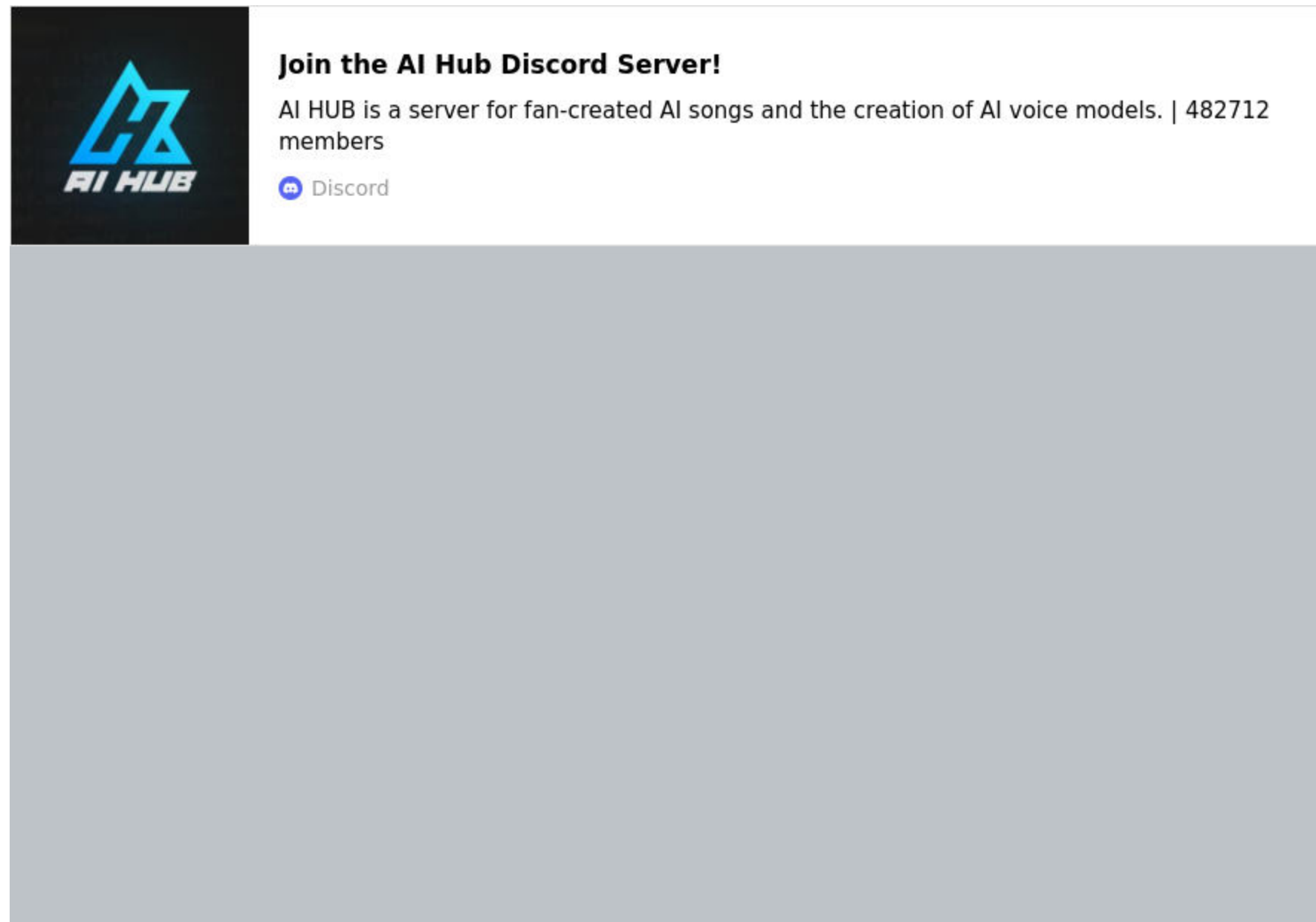


Google Colaboratory

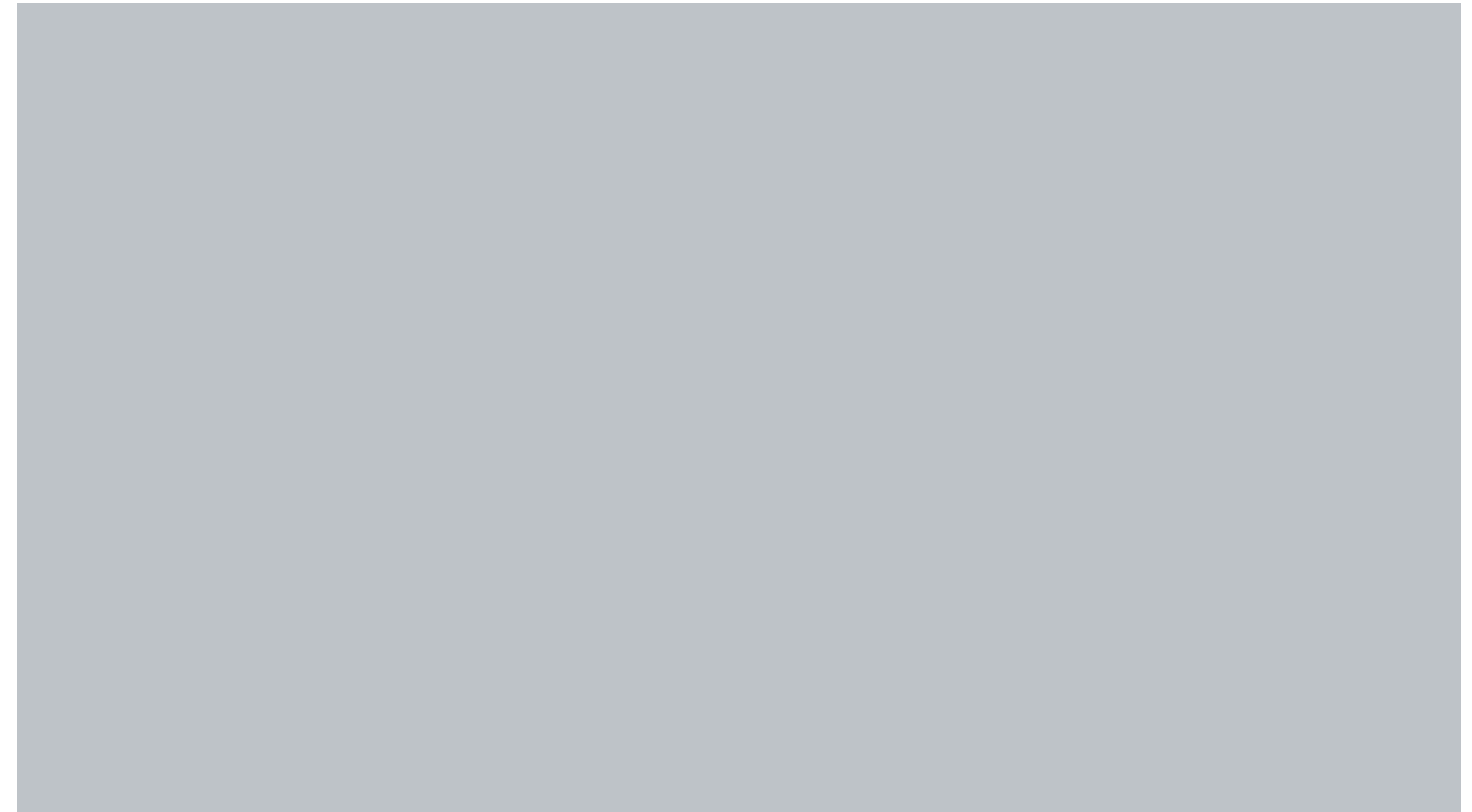
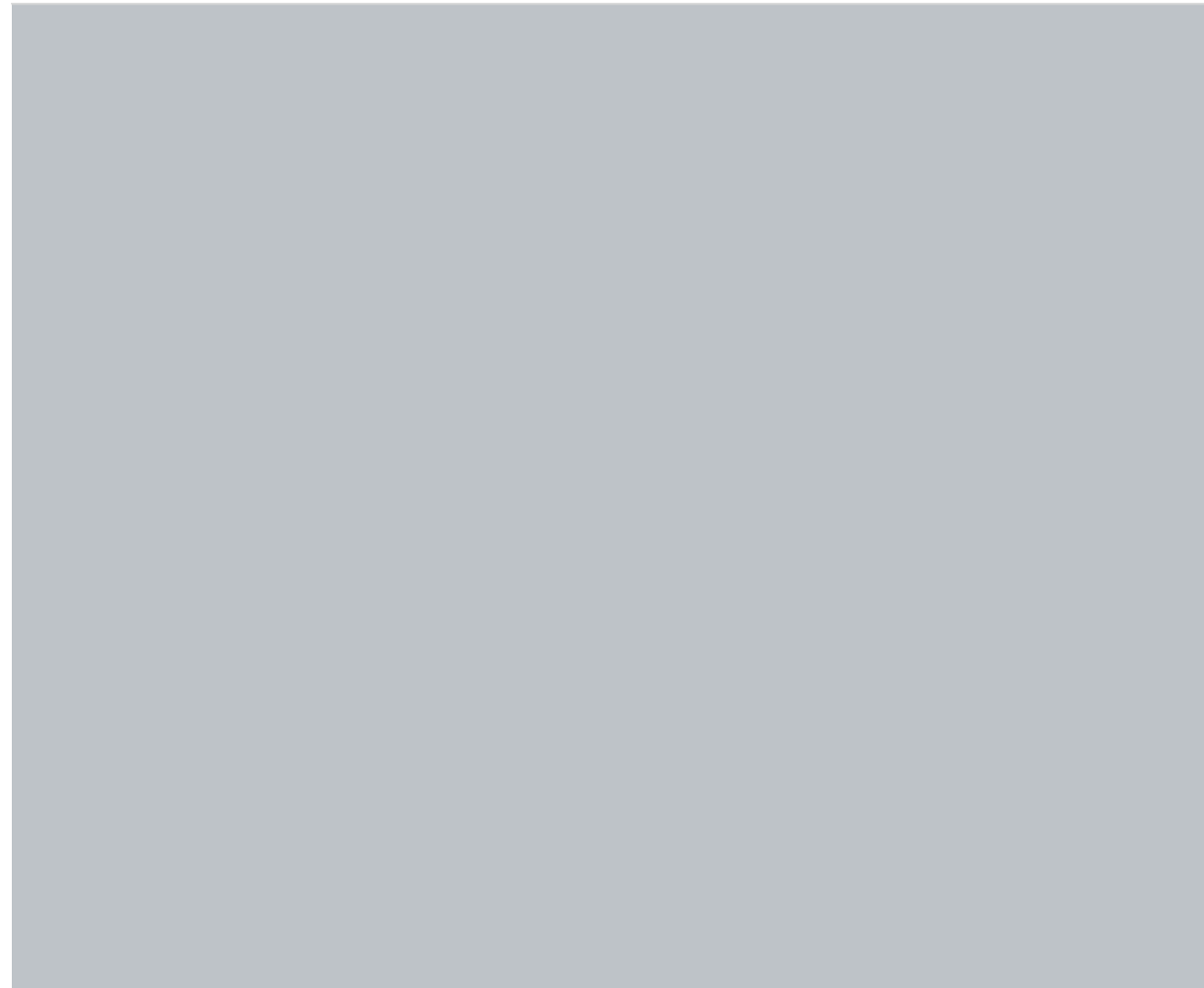
 google.com

Record your voice
Get singer voice, remove background
music, remove empty time

Where to find already trained models to use immediately



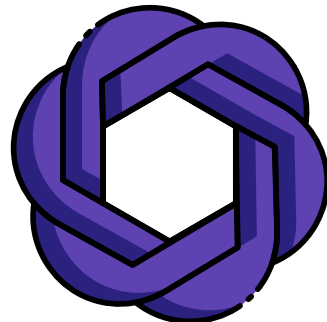
Further Resources



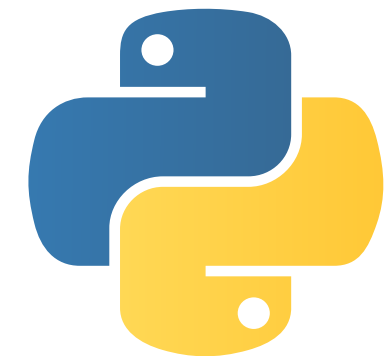
In the Next Session



Automate workflows in
Applications



**Unlocking full
powers of AI**



Add AI to your programs!

Customizing your own ChatGPT

Integrate ChatGPT with your own programs

